

ONTARIO MINISTRY OF ENVIRONMENT



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1979

WATER QUALITY SUMMARY

NORTHEASTERN REGION

WATER RESOURCES ASSESSMENT

1981

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Ontario

Ministry
of the
Environment

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C.E. McINTYRE

Director

Northeast Region

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W A T E R Q U A L I T Y S U M M A R Y

N O R T H E A S T E R N R E G I O N , W A T E R R E S O U R C E S A S S E S S M E N T

February, 1981
Water Resources Assessment
Northeastern Region

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INTRODUCTION

The purpose of this summary is to provide under one cover the analytical results of water samples collected during the 1979 calendar year by the Water Resources Assessment Unit of the Ministry of the Environment, Northeastern Region. These data are usually made public in the form of technical evaluations or study reports on specific situations, however in some situations the reporting may be delayed because programs extend over several years or priorities are reordered. This summary ensures that the data is made available (public) annually for review, discussion and interpretation by interested persons outside the unit.

The data has not been interpreted herein. For a general guide to the Ministry's Water Management Policy, the reader is referred to the publication "Water Management, Goals, Policies, Objectives and Implementation Procedures of the Ministry of the Environment, November 1978". Users who require more detail with respect to sample location and collection methods are encouraged to contact the Water Resources Assessment Unit in Sudbury, Ontario. Additional data is available for key locations throughout the region from the Routine Water Quality Monitoring Program through the annual publications "Water Quality Data, Ontario Lakes and Streams Ministry of the Environment" (year).

PROGRAM DESCRIPTIONS

Section 1: Regional Streams Program

A sampling program designed to expand our data base for flowing waters in the Northeastern Region.

Samples were collected at easily accessible locations (road crossings) on an infrequent basis (1 - 2 times). Emphasis was placed on sampling waters with little or no previous water quality data.

*All surface grab samples.

Section 2: Miscellaneous Lakes Program

An extensive sampling program designed to increase knowledge of the extent of acidic and acid-sensitive lakes in the Region. Primarily single samples were collected and analysed for key acidification related parameters (pH, TIP alkalinity, conductivity).

*Primarily collected as epilimnion composite samples.

Section 3: Intensive Lake Sampling Program

A program to collect pH, TIP alkalinity and conductivity information data on 30 selected up to 6 times yearly to permit evaluation of trends and yearly fluctuations in these key parameters through time.

*Samples collected as epilimnion composite samples.

Section 4: Water Quality Study Program

Water quality study programs collect information on river or creek systems in order to assess potential or suspected problems in the water course. The parameters analysed for vary depending on the nature of the anticipated problems.

*see Glossary of Terms.

Section 5: Monitoring Program

Water sampling over an extended time period to either establish a baseline record of chemical water quality in anticipation of potential changes, or to document water quality disturbances.

Section 6: Trophic Status Program

The determination of the recreational water quality of lakes, emphasizing on the degree of nutrient enrichment (eutrophication) resulting from shoreline development, agricultural and urban drainage, point source nutrient inputs or watershed disturbances.

Section 7: Special Surveys

Water sampling programs undertaken to investigate a specific water quality problem or situation.

Section 8: Spring Phosphorus Program

Lakes are sampled at various locations once in the spring following the period of mixing.

Water samples obtained during this program:

- a) permit characterization of lake water chemistry;
- b) allow classification of lake trophic status;
- c) provide a data base from which shoreline development capacities can be established.

Section 9: Water Well Sampling Program

An ongoing program to collect regional background groundwater quality data by sampling approximately 1 in 10 of the newly drilled wells visited during the Water Well Inspection Program.

Samples are analyzed for components usually of interest in drinking water supplies.

GLOSSARY OF TERMS AND ABBREVIATIONS

Ag	Silver
Al	Aluminum
Alk	Alkalinity
BOD ₅	5 Day Biochemical Oxygen Demand
C	Composite from surface through a specific depth (usually 2 times photic zone) by filling a sample bottle as it is lowered.
Ca	Calcium
CaCO ₃	Calcium Carbonate
Cd	Cadmium
ChLa	Chlorophyll "a"
Cl	Chloride
Col	Colour
Cond.	Conductivity in umhos/cm ²
Cr	Chromium
Cu	Copper
DisOC	Dissolved organic carbon
D.O.	Dissolved Oxygen
DS	Dissolved Solids
Fe	Iron
G	A sample taken from just below the water surface using a sampling device or directly from on outfall.

Glossary of Terms and Abbreviations--2

HARD	Hardness
K	Potassium
Long.	Longitude
Lat.	Latitude
Mg	Magnesium
Mn	Manganese
Mo	Molybdenum
Na	Sodium
NH ₃	Ammonia
Ni	Nickel
NO ₂	Nitrite
NO ₃	Nitrate
pH	The negative logarithm of the hydrogen ion concentration (L) lab, (f) field.
S	See G
SE	Solvent extractables
SO ₄	Sulphate
S.P.	Soluble Phosphorus
S.S.	Suspended Solids
TC	A composite sample obtained from surface through a specific depth using a plastic tube to trap the desired interval. Generally a truer composite than described in "C".
Temp.	Temperature
TIC	Total inorganic carbon

Glossary of Terms and Abbreviations--3

TIPACK	Total inflection point alkalinity
TKN	Total kjeldahl nitrogen
TOC	Total organic carbon
T.P.	Total phosphorus
Turb.	Turbidity
Twp	Township
UTM	Universal trasverse mercator grid
Zn	Zinc

SECTION 1:

REGIONAL STREAMS DATA PROGRAM

SECTION 1: REGIONAL STREAMS DATA PROGRAM

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ALGOMA DISTRICT

1-1

Serpent River

Lauzon Creek

Blind River

Mississagi River

Harris Creek

Stoby Creek

Thessalon River

Bar River

Garden River

Root River

Goulais River

Stokely Creek

Harmony River

Chippewa River

Batchawana River

Pancake River

Speckled Trout Creek

ALGOMA DISTRICT (continued)

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Agawa River

Barrett River

Sand River

Coldwater River

Baldhead River

Old Woman River

Michipicoten River

Magpie River

PARRY SOUND DISTRICT

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Blackstone River

Boyne River

Sequin River

Blair Creek

Shawanaga Creek

Magnetawan Creek

Key River

Pickere1 River

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French River	
Murdoch River	
Wanapitei River	
Vermilion River	
Spanish River	
Birch Creek	
Aux Sables River	

ANNUAL SUMMARY-V.E. REGION
REGIONAL STREAMS DATA
WATER QUALITY REPORT
1979

PROGRAM :Streams

DISTRICT:Algona

WATERCOURSE:	DATE	LAT	LONG	ST	Cond	Alk	Ca	Mg	Na	
YYMMDD	D	M	D	Field	umh/cm	mg/L	mg/L	mg/L	mg/L	
Serpent R.	790413	46	20 32	54	5.02	113	4	14.10	1.25	2.1
Lauzon Cr.	790413	46	13 32	30	5.25	51	7	5.70	1.35	1.6
Blind P.	790413	46	13 32	03	5.14	37	7	3.90	0.35	1.1
Mississagi R.	790413	46	19 33	12	5.53	17	14	5.50	1.15	1.1
Harris Cr.	790413	46	29 33	35	5.40	35	7	3.50	0.75	1.3
Stoby Cr.	790413	46	27 33	55	5.35	59	21	5.90	2.05	2.7
Thessalon P.	790413	46	33 33	39	5.49	51	20	7.70	1.90	1.7
Bar P.	790413	46	39 34	07	5.43	57	23	7.50	2.15	2.0
Garden R.	790413	46	55 34	09	5.52	43	13	5.90	1.35	1.1
Root P.	790417	46	54 34	25	5.19	43	5	3.30	0.70	2.9
Coulais R.	790417	46	72 34	34	5.23	53	11	5.40	1.30	2.1
Stokely Cr.	790417	46	31 34	37	5.31	55	11	5.50	1.20	2.3
Harmony P.	790417	46	95 34	33	5.01	33	5	3.50	0.50	0.7
Chippewa R.	790417	46	05 34	23	5.31	43	11	5.30	0.30	0.5
Patchawana R.	790417	46	00 34	47	5.22	40	9	5.20	0.70	0.8
Pancake P.	790417	46	94 34	51	5.21	47	12	5.30	1.00	1.3
Sp. Trout Cr.	790417	47	27 34	51	5.59	32	7	2.90	0.55	1.2
Ajawa P.	790417	47	37 34	53	5.33	32	5	5.30	1.00	1.3
Barrett R.	790417	47	35 34	54	5.51	34	12	3.30	0.55	1.1
Sand P.	790417	47	43 34	50	5.97	35	27	3.50	0.60	0.9
Coldwater R.	790417	47	40 34	70	5.71	34	15	3.40	0.50	1.3
Baldhead P.	790417	47	55 34	30	5.02	33	10	3.50	0.55	0.3
Baldhead P.	790417	47	50 34	33	5.32	51	5	1.90	0.70	4.1
Old Woman P.	790417	47	75 34	30	5.31	52	12	2.10	1.15	2.3
Michigan P.	790417	47	00 34	70	5.53	70	25	10.70	2.00	1.0
Lyons R.	790417	47	97 34	30	5.71	132	10	17.00	3.25	1.5

ANNUAL SUMMARY-N.E. REGION
REGIONAL STREAMS DATA
WATER QUALITY REPORT
1979

PROGRAM :Streams

DISTRICT :Algoma cont'd.

WATERCOURSE:	DATE	LAT	LONG		K	DO	Cl	NO3	Colour	Al	
	YYMMDD	D	1	1	mg/L	mg/L	mg/L	mg/L	Wason	mg/L	
Serpent R.	790413	45	23	32	54	1.35	37.0	2.30	1.300	25.0	0.25
Laureon Cr.	790413	45	13	32	30	0.65	15.0	2.10	0.217	4.9	0.06
Blind R.	790413	45	13	32	33	0.40	3.5	0.95	0.137	21.0	0.14
Mississippi R.	790413	45	10	33	12	0.30	0.1	0.70	0.222	21.0	0.53
Harris Cr.	790413	45	29	33	35	0.30	7.5	0.90	0.0307	1.3	0.05
Stony Cr.	790413	45	27	33	55	1.15	0.5	3.50	0.134	50.0	2.00
Presbalon R.	790413	45	33	33	30	0.50	0.5	1.35	0.200	30.0	1.30
Bar R.	790413	45	30	34	07	1.25	10.5	2.05	0.153	55.0	2.00
Garden R.	790413	45	55	34	09	0.50	0.45	0.70	0.523	30.0	1.40
Root R.	790417	45	54	34	25	0.35	3.5	4.10	0.437	40.0	0.70
Coulais P.	790417	45	72	34	34	0.35	0.0	2.05	0.522	55.0	3.10
Stokely Cr.	790417	45	31	34	37	0.75	3.5	3.15	0.795	44.0	3.10
Harmony R.	790417	45	05	34	33	0.025	7.5	0.50	0.703	32.0	0.71
Chippewa R.	790417	45	05	34	23	0.40	3.0	0.45	0.501	30.0	1.30
Batchawana R.	790417	45	09	34	47	0.35	3.5	0.45	0.577	37.0	0.54
Pancake R.	790417	46	04	34	51	0.45	3.0	1.50	0.710	45.0	2.40
So. Front Cr.	790417	47	27	34	51	0.40	7.5	0.30	0.743	22.0	0.49
Agawa R.	790417	47	37	34	53	0.40	3.5	0.40	0.707	34.0	0.039
Barrett R.	790417	47	35	34	54	0.45	3.5	0.55	0.323	34.0	0.32
Sand R.	790417	47	43	34	50	0.50	3.5	0.40	1.020	32.0	0.45
Coldwater R.	790417	47	49	34	70	0.40	3.5	1.45	0.337	32.0	0.53
Baldhead R.	790417	47	56	34	30	0.35	3.0	0.30	0.733	20.0	0.19
Baldhead R.	790417	47	50	34	33	0.50	9.0	5.15	1.030	35.0	0.24
Old Woman R.	790417	47	76	34	30	0.65	11.0	3.35	0.715	25.0	0.31
Michipicoten	790417	47	00	34	70	0.70	11.5	0.55	0.273	22.0	0.11
Maggie R.	790417	47	07	34	30	0.70	25.0	1.50	0.403	17.0	0.50

ANNUAL SUMMARY-N.E. REGION
REGIONAL STREAMS DATA
WATER QUALITY REPORT
1979

PROGRAM :Streams

DISTRICT :Algoma cont'd.

WATERCOURSE:	DATE YYMMDD	LAT D	1	0	4	Mn mg/L	Fe mg/L	Cu mg/L	Ni mg/L	Zn mg/L	Turb. FTU
Sergeant R.	790413	45	20	32	54	0.120	0.16	<0.001	<0.002	0.012	1.50
Lauzon Cr.	790413	46	13	32	80	0.006	0.04	<0.001	<0.002	0.003	1.20
Blind R.	790418	46	13	32	33	0.012	0.13	<0.001	<0.002	0.003	2.20
Mississagi R.	790418	46	13	33	12	0.021	0.47	<0.001	0.002	0.004	7.00
Harris Cr.	790418	46	23	33	35	0.002	0.02	<0.001	<0.002	0.004	1.00
Stoby Cr.	790418	46	27	33	55	0.052	2.20	0.005	<0.002	0.011	37.00
Thessalon R.	790418	46	33	33	39	0.030	1.00	0.002	0.004	0.005	15.00
Bar R.	790418	46	39	34	07	0.043	2.10	0.004	<0.002	0.012	33.00
Garlen R.	790418	46	55	34	09	0.035	3.30	0.005	0.005	0.010	1.00
Post R.	790417	45	54	34	25	0.110	0.73	0.005	<0.002	0.014	4.50
Goulais R.	790417	45	72	34	34	0.055	2.50	0.000	<0.002	0.013	52.00
Stokely Cr.	790417	46	31	34	37	0.053	2.50	0.002	0.003	0.013	35.00
Marion R.	790417	46	05	34	33	0.032	0.51	0.002	0.004	0.003	4.20
Chippewa R.	790417	45	05	34	23	0.400	1.20	0.001	<0.002	0.003	12.00
Katchawana R.	790417	45	09	34	47	0.030	0.44	0.004	<0.002	0.030	1.00
Pancake R.	790417	45	04	34	51	0.053	1.72	<0.001	0.003	0.011	24.00
So. Front Cr.	790417	47	27	34	51	0.072	0.13	0.000	<0.002	0.015	1.40
Agawa R.	790417	47	37	34	53	0.054	0.20	<0.001	0.002	0.012	1.50
Barrett R.	790417	47	35	34	54	0.034	0.43	0.004	<0.002	0.015	2.50
Sand R.	790417	47	43	34	50	0.053	0.34	0.001	<0.002	0.013	1.50
Coldwater R.	790417	47	49	34	70	0.052	0.42	<0.001	<0.002	0.012	1.00
Baldhead R.	790417	47	55	34	30	0.020	0.07	<0.001	<0.002	0.012	0.30
Baldhead R.	790417	47	50	34	33	0.035	0.14	0.002	<0.002	0.015	1.00
Old Woman R.	790417	47	75	34	30	0.023	0.24	0.001	<0.002	0.005	2.50
Missipicoten	790417	47	00	34	70	0.011	0.11	<0.001	<0.002	<0.001	0.34
Haggie R.	790417	47	07	34	30	0.130	1.00	<0.001	0.004	0.010	2.40

ANNUAL SUMMARY-N.E. REGION
REGIONAL STREAMS DATA
WATER QUALITY REPORT
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PROGRAM :Streams

DISTRICT:Parry Sound

WATERCOURSE:	DATE YYMMDD	LAT D M	LONG D M	pH field	Cond umh/cm	Alk mg/L	Ca mg/L	Mg mg/L	Na mg/L
Blackstone R.	790321	45 25 80	00	5.92	55	18	4.20	0.95	3.5
Boyne R.	790321	45 28 79	95	6.03	55	8	5.00	1.05	2.8
Boyne R.	790405	45 28 79	95	5.66	48	8	3.98	0.85	2.2
Boyne R.	790321	45 30 79	99	6.41	69	9	5.20	1.10	4.8
Boyne R.	790405	45 30 79	99	5.83	53	8	4.36	0.90	2.9
Seguin R.	790321	45 35 80	00	6.52	43	13	4.80	0.90	1.7
Seguin R.	790405	45 35 80	00	5.73	39	8	4.02	0.80	1.4
Elair Cr.	790321	45 40 80	10	5.65	35	3	2.60	0.65	2.1
Elair Cr.	790405	45 40 80	10	4.82	28	6	2.04	0.50	1.4
Shawanaga Cr.	790321	45 54 80	28	5.82	58	6	3.60	0.70	5.4
Shawanaga Cr.	790405	45 54 80	28	5.33	34	6	3.10	0.55	1.5
Magnetawan R.	790321	45 77 80	40	6.21	46	8	4.40	1.00	1.9
Magnetawan R.	790405	45 77 80	40	6.09	45	8	4.25	0.90	1.9
Key R.	790321	45 89 80	52	6.83	66	14	6.20	1.65	2.6
Key R.	790405	45 89 80	52	5.99	48	10	4.20	1.25	2.0
Fickerel R.	790321	46 99 80	57	6.66	67	19	7.40	1.95	2.1
Fickerel R.	790405	46 99 80	57	6.56	59	13	6.08	1.60	1.5

WATERCOURSE:	DATE YYMMDD	LAT D M	LONG D M	K mg/L	SO4 mg/L	Cl mg/L	NO3 mg/L	Colour Hazen	Al mg/L
Blackstone R.	790321	45 25 80	00	0.65	8.5	4.40	0.333	19	0.083
Boyne R.	790321	45 28 79	95	0.70	9.5	3.75	0.256	19	0.058
Boyne R.	790405	45 28 79	95	0.62	11.0	2.70	0.249	22	0.078
Boyne R.	790321	45 30 79	95	0.80	10.0	7.15	0.251	25	0.082
Boyne R.	790405	45 30 79	95	0.64	10.0	4.00	0.253	24	0.056
Seguin R.	790321	45 35 80	00	0.65	8.0	2.15	0.291	59	0.180
Seguin R.	790405	45 35 80	00	0.71	9.0	1.90	0.043	49	0.130
Elair Cr.	790321	45 40 80	10	0.45	6.0	3.10	0.200	56	0.180
Elair Cr.	790405	45 40 80	10	0.49	7.5	1.75	0.182	49	0.140
Shawanaga Cr.	790321	45 54 80	28	0.55	7.5	7.60	0.209	67	0.140
Shawanaga Cr.	790405	45 54 80	28	0.56	8.5	1.90	0.206	65	0.140
Magnetawan R.	790321	45 77 80	40	0.75	8.0	2.20	0.245	47	0.100
Magnetawan R.	790405	45 77 80	40	0.80	9.5	2.25	0.270	47	0.130
Key R.	790321	45 89 80	52	0.80	10.0	3.80	0.209	83	0.300
Key R.	790405	45 89 80	52	0.81	11.0	2.70	0.151	71	0.350
Fickerel R.	790321	46 99 80	57	0.80	10.5	1.85	0.193	37	0.062
Fickerel R.	790405	46 99 80	57	1.10	12.5	1.40	0.208	45	0.170

ANNUAL SUMMARY - N.E. REGION
REGIONAL STREAMS DATA
WATER QUALITY REPORT
1979

PROGRAM :Streams

DISTRICT :Parry Sound cont'd.

WATFPCOUPSE:	DATE YYMMDD	LAT D M	LONG D M	Mn mg/L	Fe mg/L	Cu mg/L	Ni mg/L	Zn mg/L	Turb. FTU
Blackstone R.	790321	45 25	80 00	0.037	0.10	0.014	<0.002	0.008	
Eoyne F.	790321	45 28	79 95	0.036	0.59	0.015	<0.002	0.012	
Eoyne F.	790405	45 28	79 95	0.035	0.11	<0.001	<0.002	0.010	
Eoyne F.	790321	45 30	79 99	0.032	0.16	0.019	<0.002	0.008	
Eoyne P.	790405	45 30	79 99	0.025	0.12	0.001	<0.002	0.006	
Seguin F.	790321	45 35	80 00	0.031	0.18	0.019	<0.002	0.008	
Seguin P.	790405	45 35	80 00	0.029	0.30	<0.001	<0.002	0.008	
Elair Cr.	790321	45 40	80 10	0.076	0.43	0.019	<0.002	0.016	
Elair Cr.	790405	45 40	80 10	0.064	0.35	0.016	<0.002	0.015	
Shawanaga Cr.	790321	45 54	80 28	0.042	0.41	0.019	<0.002	0.012	
Shawanaga Cr.	790405	45 54	80 28	0.051	0.40	<0.001	<0.002	0.010	
Magnetawan R.	790321	45 77	80 40	0.030	0.34	0.020	<0.002	0.006	
Magnetawan P.	790405	45 77	80 40	0.036	0.32	<0.001	<0.002	0.007	
Key P.	790321	45 89	80 52	0.130	0.45	0.020	<0.002	0.016	
Key P.	790405	45 89	80 52	0.072	0.59	<0.001	<0.002	0.010	
Pickerel F.	790321	46 99	80 57	0.027	0.21	0.019	<0.002	0.004	
Pickerel P.	790405	46 99	80 57	0.038	0.31	0.002	<0.002	0.006	

ANNUAL SUMMARY-N.E. REGION
FECIONAL STEAMS DATA
WATER QUALITY REPORT
1979

FFOCPAM :Streams

DISTRICT:Sudbury

WATERCOURSE:	DATE YYMMDD	LAT D M	LONG D M	pH units	Cond umh/cm	Flk mg/L	Ca mg/L	Mg mg/L	Na mg/L
French P.	790321	46 01	80 60	6.88	82	21	8.80	2.50	2.6
French P.	790405	46 01	80 60	6.56	79	21	7.84	2.20	2.9
Murdoch P.	790321	46 18	80 65	6.67	118	14	7.20	2.75	9.8
Murdoch R.	790405	46 18	80 65	7.12	83	13	6.24	2.45	4.5
Wanapitei R.	790321	46 35	80 80	6.72	105	16	11.00	2.65	3.5
Wanapitei P.	790405	46 35	80 80	6.52	102	12	9.20	2.20	4.3
Vermillion R.	790418	46 37	81 30	6.50	90	19	10.50	2.15	2.8
Spanish R.	790418	46 29	81 64	6.46	47	20	5.10	1.15	1.5
Pirch Cr.	790418	46 21	82 00	6.58	57	18	6.70	1.50	1.7
Aux Sable P.	790418	46 21	82 10	6.25	30	5	2.90	0.55	1.2

WATEPCOURSE:	DATE YYMMDD	LAT D M	LONG D M	K mg/L	SO4 mg/L	Cl mg/L	NO3 mg/L	Colour Hazen	Al mg/L
French P.	790321	46 01	80 60	0.80	12.5	2.35	0.099	29.0	0.074
French R.	790405	46 01	80 60	1.00	14.0	2.75	0.141	39.0	0.090
Murdoch P.	790321	46 18	80 65	0.95	14.0	16.50	0.155	43.0	0.120
Murdoch R.	790405	46 18	80 65	0.88	16.0	6.30	0.153	48.0	0.110
Wanapitei P.	790321	46 35	80 80	0.90	24.0	4.25	0.282	32.0	0.350
Wanapitei R.	790405	46 35	80 80	1.20	26.0	5.50	0.313	40.0	0.510
Vermillion P.	790418	46 37	81 30	0.80	18.5	4.25	0.179	40.0	1.000
Spanish R.	790418	46 29	81 64	0.45	11.5	1.05	0.197	32.0	0.340
Pirch Cr.	790418	46 21	82 00	0.75	11.5	1.55	0.159	5.5	3.000
Aux Sable R.	790418	46 21	82 10	0.35	9.0	0.55	0.137	29.0	0.430

WATERCOURSE:	DATE YYMMDD	LAT D M	LONG D M	Mn mg/L	Fe mg/L	Cu mg/L	Ni mg/L	Zn mg/L	Turb. FTU
French R.	790321	46 01	80 60	0.031	0.14	0.016	<0.002	0.004	
French P.	790405	46 01	80 60	0.028	0.19	0.004	<0.002	0.004	
Murdoch R.	790321	46 18	80 65	0.034	0.16	0.024	0.006	0.009	
Murdoch P.	790405	46 18	80 65	0.028	0.22	0.005	0.013	0.006	
Wanapitei R.	790321	46 35	80 80	0.700	0.17	0.041	0.130	0.010	
Wanapitei P.	790405	46 35	80 80	0.088	0.60	0.035	0.031	0.018	
Vermillion R.	790418	46 37	81 30	0.028	0.24	0.024	0.130	0.022	13.0
Spanish R.	790418	46 29	81 64	0.039	0.41	<0.001	0.002	0.006	2.5
Pirch Cr.	790418	46 21	82 00	0.062	2.50	0.002	0.003	0.009	46.0
Aux Sable R.	790418	46 21	82 10	0.042	0.43	<0.001	<0.002	0.008	3.8

SECTION 2:

MISCELLANEOUS LAKES PROGRAM

SECTION 2: MISCELLANEOUS LAKES PROGRAM

Page

ALGOMA DISTRICT

2-1

Island Lake

Trout Lake

Basswood Lake

Wawa Lake

Black Trout Lake

Parks Lake

Perry Lake

Hawk Lake

McCarthy Lake

Unnamed Lake

Esten Lake

Dunlop Lake

Elliot Lake

Achigan Lake

McMahon Lake

Patten Lake

Aweres Lake

Saymo Lake

Wart Lake

Depot Lake

Slipper Lake

COCHRANE DISTRICT

Slab Lake
Spring Lake
Green Lake
Hughes Lake
Point Lake

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NIPISSING DISTRICT

Deer Lake
Cache Creek
Four Mile Creek

2-5

PARRY SOUND DISTRICT

Haines Lake
Sugar Lake
Kapikog Lake
Otter Lake
Little Otter Lake
Manitouwabing Lake
Whitestone Lake
Turtle Lake
Purcell Lake
Sucker Lake

PARRY SOUND DISTRICT (continued)

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Morgan Bay (Lake Rosseau)

Healey Lake

Ruth Lake

Tiffin Lake

Hassard Lake

Perbeth Lake

Whalley Lake

Beatty Lake

SUDBURY DISTRICT

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#58 Lake

Ruth Lake

Kearn Lake

White Park Lake

Red Park Lake

Hamilton Lake

Memoir Lake

Penage (east) Lake

Penage (west) Lake

Nellie Lake

Black Lake

SUDBURY DISTRICT (continued)

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Windy Lake

Black Lake

Apsey Lake

Ratter Lake

Whitewater Lake

Wabagishik Lake

Dry Pine Bay (French River)

Lang Lake

Ramsey Lake

Bethel Lake

Griffin Lake

TIMISKAMING DISTRICT

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Bay Lake

Friday Lake

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Misc Lakes

YEAR : 1979

DISTRICT : Algona

LAKE - STATION	TOWNSHIP	LAT/LONG	DATE	METHOD	TEMPERATURE mg/L	pH units	COND. umh/cm
Island	Aweres	46403415	19790914	C	6.33	6.93	13.1
Trout	Aweres, Duncan	46383415	19790914	C	3.35	6.61	29.2
Basswood	Kirkwood, Dae	46198324	19790915	C	3.30	7.05	33.0
Wawa	23-XIII	43013113	19790920	C	42.25	7.99	172.0
Black Trout	30-XXIV	43033150	19790920	C	6.72	6.95	41.0
Parks	23-XXV	43073137	19790920	C	19.32	7.13	117.0
Perry	23-XXVI	43133137	19790920	C	20.35	7.41	91.0
Hawk	23-XXIV	43043131	19790920	C	33.33	7.53	114.0
McCarthy	Proctor, Deagle	46193219	19790925	C	5.52	6.75	143.0
Unnamed	Snedden	46133225	19790925	C	2.55	6.57	30.5
Esten	Esten	46223242	19790925	C	7.63	7.02	150.0
Dunlop	150, 156	45233212	19790925	C	4.43	6.33	31.5
Elliot	149, 155	45233212	19790925	C	1.31	6.20	120.0
Achigan - 1	Marne	49553412	19790524	S	2.02	6.25	
Achigan - 1	Marne	49553412	19790524	C	2.22	6.31	
Achigan - 3	Marne	49553412	19790524	S	1.85	6.22	
Achigan - 3	Marne	49553412	19790524	C	1.35	6.21	30.0
McMahon - 2	McMahon &	46323343	19790522	S	11.47	7.29	
McMahon - 2	Verbeek	46323343	19790522	C	11.40	7.19	45.0
McMahon - 3	McMahon &	46323343	19790522	S	11.43	7.33	
McMahon - 3	Verbeek	46323343	19790522	C	11.47	7.21	45.0
Patten - 2	McMahon	46323345	19790522	S	3.72	6.34	
Patten - 2	McMahon	46323345	19790522	C	3.75	6.72	45.0
Patten - 4	McMahon	46323345	19790522	S	3.75	6.30	
Patten - 4	McMahon	46323345	19790522	C	3.32	6.30	45.0
Aweres - 1	Aweres	46393417	19790523	S	6.13	6.69	
Aweres - 1	Aweres	46393417	19790523	C	6.25	6.73	55.0
Aweres - 4	Aweres	46393417	19790523	S	6.12	6.94	
Aweres - 4	Aweres	46393417	19790523	C	6.55	7.15	55.0
Sayno - 1	46 & 55	45533331	19790523	S	5.17	6.55	
Sayno - 1	46 & 55	45533331	19790523	C	5.35	6.55	33.0
Sayno - 3	46 & 55	45533331	19790523	S	5.14	6.55	
Sayno - 3	46 & 55	45533331	19790523	C	5.17	6.72	33.0
Wart - 2	Vibert	47103403	19790524	S	3.52	6.21	
Wart - 2	Vibert	47103403	19790524	C	3.49	6.11	30.0
Wart - 1	Vibert	47103403	19790524	S	3.44	6.21	
Wart - 1	Vibert	47103403	19790524	C	3.53	6.25	30.0
Esten - 2	Esten &	46223240	19790523	S	5.00	7.11	
Esten - 2	McGivern	46223240	19790523	C	5.91	7.05	150.0
Esten - 5	Esten &	46223240	19790523	S	5.19	7.00	
Esten - 5	McGivern	46223240	19790523	C	4.39	6.93	255.0

ANNUAL SUMMARY-1.E. REGION
WATER QUALITY REPORT

PROGRAM : Misc Lakes

YEAR : 1979

DISTRICT : Algona

LAKE - STATION	TOWNSHIP	LAT/LONG	DATE	TEMP	PH	COND.
				deg C	units	umh/cm
Elliot - 3	149 & 155	45233242	19790523	3	1.35	5.35
Elliot - 3	149 & 155	45233242	19790523	2	0.67	5.37 107.0
Elliot - 7	149 & 155	45233242	19790523	3	1.46	5.04
Elliot - 7	149 & 155	45233242	19790523	2	1.43	5.04 99.0
Denot - 1	Esten	46203235	19790524	3	5.40	5.93
Denot - 1	Esten	46203235	19790524	2	5.43	5.94 129.0
Denot - 3	Esten	46203235	19790524	3	5.35	5.93
Denot - 3	Esten	46203235	19790524	2	5.29	5.37 123.0
Slipper - 2	149	45223241	19790523	3	17.43	7.52
Slipper - 2	149	45223241	19790520	2	17.25	7.13 132.0
Slipper - 4	149	45223241	19790523	3	17.45	7.23
Slipper - 4	149	45223241	19790520	2	17.30	7.24 132.0

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Misc Lakes

YEAR : 1979

DISTRICT : Cochrane

LAKE - STATION	TOWNSHIP	LAT/LONG	DATE	METHOD	TIPALK mg/L	pH units	COND. umh/cm
Slab	German	48338052	19790821	C	0.53	6.20	14.0
Spring	German	48338051	19790821	C	0.55	6.04	12.9
Green	German	48348052	19790821	C	33.17	8.20	67.0
Hughes	German	48358052	19790821	C	97.67	8.42	170.0
Point	German	48348051	19790821	C	18.48	7.40	47.5

ANNUAL SUMMARY-I.E. REGION
WATER QUALITY REPORT

PROGRAM : Misc Lakes

YEAR : 1970

DISTRICT : Nipissing

LAKE - STATION	TOWNSHIP	LAT/LONG	DATE	DEPTH	TEMPER mg/L	PH units	COND. umh/cm
Deer - 1	Armour &	45238012	19700514	3	1.15	5.93	
Deer - 1	Perry	45238012	19700514	3	1.33	5.11	33.0
Cache - 2	Badgerow	46273005	19700514	3	15.50	7.17	
Cache - 2	Badgerow	46273005	19700514	3	15.52	7.13	52.0
Cache - 3	Badgerow	45273005	19700514	3	15.32	7.20	
Cache - 3	Badgerow	45273005	19700514	3	15.50	7.02	
Four Mile - 2	North Bay	46227923	19700524	3	1.13	5.24	
Four Mile - 2	North Bay	46227923	19700524	3	1.27	5.11	
Four Mile - 4	North Bay	45227923	19700524	3	1.52	5.11	
Four Mile - 4	North Bay	46227923	19700524	3	1.57	5.22	

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PPOCPAM : Misc Lakes

YEAR : 1979

DISTRICT : Parry Sound A

LAKE - STATION	TOWNSHIP	LAT/LONG	DATE	METHOD	TOTAL K mg/L	pH units	COND umh/cm
Haines - 2	McDougall	44217956	19790503	S	3.50	6.25	
Sugar - 1	Christie	45227946	19790509	S	1.07	6.04	
Sugar - 1	Christie	45227946	19790509	C	1.20	6.04	25
Sugar - 3	Christie	45227946	19790509	S	1.05	5.95	
Sugar - 3	Christie	45227946	19790509	C	1.04	5.85	27
Kapikog - 2	Conger	45097954	19790509	C	2.00	6.15	28
Kapikog - 4	Conger	45097954	19790509	S	2.19	6.17	
Kapikog - 4	Conger	45097954	19790509	C	2.06	6.14	28
Otter & - 2	Foley, Wilson	45177953	19790507	S	3.10	6.41	
Little Otter - 2	& Conger	45177953	19790507	C	3.12	6.42	33
Otter & - 5	Foley, Wilson	45177953	19790507	S	2.12	6.11	
Little Otter - 5	& Conger	45177953	19790507	C	2.23	6.217	33
Otter & - 7	Foley, Wilson	45177953	19790507	S	2.33	6.126	
Little Otter	& Conger						
Manitouwabing-3	McKellar	45237954	19790502	S	7.46	6.39	
Manitouwabing-3	McKellar	45237954	19790502	C	7.63	6.43	44
Manitouwabing-4	McKellar	45237954	19790502	S	6.65	6.44	
Manitouwabing-4	McKellar	45237954	19790502	C	6.57	6.45	40
White Stone - 4	Hagerman	45397952	19790503	C	7.67	6.50	52
Turtle - 1	Humphrey	45197944	19790510	C	2.50	6.37	40
Turtle - 3	Humphrey	45197944	19790510	S	2.03	6.34	
Purcell - 2	Humphrey	45177944	19790510	C	2.25	6.33	35
Sucker - 2	Humphrey	45157941	19790510	S	2.16	6.24	
Sucker - 2	Humphrey	45157941	19790510	C	2.06	6.13	32
Sucker - 4	Humphrey	45157941	19790510	S	2.06	6.20	
Sucker - 4	Humphrey	45157941	19790510	C	2.24	6.16	32
Morgan Bay - 1	Numerous	45147940	19790507	S	3.33	6.35	
Morgan Bay - 1	Numerous	45147940	19790507	C	3.05	6.29	44
Morgan Bay - 3	Numerous	45147940	19790507	S	3.08	6.32	
Morgan Bay - 3	Numerous	45147940	19790507	C	3.16	6.37	54

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Misc Lakes

YEAR : 1979

DISTRICT : Parry Sound B

LAKE - STATION	TOWNSHIP	LAT/LONG	DATE	DEPTH	TEMP	pH	COND.
					mg/l	units	um/cm
Healey - 1	Conjere	45107955	19790509	3	1.27	5.33	
Healey - 1	Conjere	45107955	19790509	2	1.37	5.35	31
Healey - 6	Conjere	45107955	19790509	3	1.33	5.35	
Healey - 6	Conjere	45107955	19790509	2	1.39	5.32	29
Ruth - 1	Lang	45017931	19790503	3	1.09	5.41	
Ruth - 1	Lang	45017931	19790503	2	1.11	5.43	39
Ruth - 3	Lang	45017931	19790503	3	1.03	5.47	
Ruth - 3	Lang	45017931	19790503	2	1.01	5.44	19
Riffen - 2	Lunenburg	45117943	19790502	3	3.59	5.19	
Riffen - 2	Lunenburg	45117943	19790502	2	3.55	5.14	30
Riffen - 4	Lunenburg	45117943	19790502	3	3.54	5.14	
Riffen - 4	Lunenburg	45117943	19790502	2	3.51	5.12	73
Massard - 1	Parry, Bethune	45347913	19790503	3	2.47	5.24	
Massard - 1	Parry, Bethune	45347913	19790503	2	2.52	5.25	35
Massard - 4	Parry, Bethune	45347913	19790503	3	2.59	5.32	
Peroeth - 1	Bethune	45137912	19790503	3	2.33	5.43	
Peroeth - 1	Bethune	45137912	19790503	2	3.40	5.42	33
Peroeth - 2	Bethune	45137912	19790503	3	3.45	5.41	
Shalley - 2	Croft, Chapman	45427940	19790509	3	0.00	5.34	
Shalley - 4	Croft, Chapman	45427940	19790509	2	2.37	5.32	
Reatty - 1	Tipissing	46027932	19790503	3	4.74	5.50	
Reatty - 1	Tipissing	46027932	19790503	2	4.59	5.53	41
Reatty - 2	Tipissing	46027932	19790503	3	4.52	5.55	
Reatty - 2	Tipissing	46027932	19790503	2	4.55	5.54	41

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Misc Lakes

YEAR : 1979

DISTRICT : Sudbury

LAKE - STATION	TOWNSHIP	LAT/LONG	DATE	METHOD	TOTALK mg/L	pH units	COND. umh/cm
#58	Chappise	47408330	19790816	C	7.66	6.81	23.5
Futh	Chappise	47458323	19790816	C	5.60	6.86	22.0
Kearn	Borden	47558310	19790816	S	1.06	6.37	12.0
White Park	Peany	47348314	19790314	C	1.08	6.09	16.0
Fed Bark	Peany	47348314	19790314	C	0.70	5.96	16.0
Hamilton	Strom	47328300	19790814	C	0.00	4.84	20.0
Memoir	Strom, Neelands	47308259	19790814	C	45.12	8.03	92.5
Penage (East)	Truman, Dieppe	46128120	19790831	C	5.61	7.09	73.0
Penage (West)	Truman, Dieppe	46128135	19790831	C	7.20	7.25	74.0
Nellie	Roosevelt	46078130	19790831	C	0.00	4.71	47.9
Flack	Waters	46228110	19790916	C	8.05	7.19	72.5
Elack	Waters	46228110	19790916	S	8.13	7.25	72.8
Windy - 3	Cascaden &	46368127	19790524	S	1.67	6.23	
Windy - 3	Dowling	46368127	19790524	C	1.70	6.24	54.0
Windy - 5	Cascaden &	46368127	19790524	S	1.70	6.27	
Windy - 5	Dowling	46368127	19790524	C	1.70	6.23	54.0
Flack - 2	Hutton	46228110	19790508	S	0.76	6.36	
Flack - 2	Hutton	46228110	19790508	C	0.62	6.21	79.0
Apsey - 2	Merritt	46138197	19790508	S	0.71	6.31	
Patter - 1	Patter	46308025	19790508	C	7.02	6.47	54.0
Whitewater - 1	Rayside &	46328109	19790510	S	27.75	7.56	
Whitewater - 2	Snider	46328109	19790510	C	27.74	7.57	
Whitewater - 3	Rayside &	46323109	19790510	S	29.85	7.47	
Whitewater - 4	Snider	46328109	19790510	C	29.75	7.52	
Webagishik - 1	Foster &	46188135	19790510	S	11.20	7.15	
Webagishik - 1	Nairn	46188135	19790510	C	10.54	7.07	121.0
Webagishik - 5	Foster &	46188135	19790510	S	10.64	7.02	
Webagishik - 5	Snider	46188135	19790510	C	10.48	7.02	116.0
Fry Pine Bay-1	Bigwood	46028034	19790508	S	8.65	6.75	
Fry Pine Bay-2	Bigwood	46028034	19790508	C	8.73	6.77	
Fry Pine Bay-4	Bigwood	46028034	19790508	C	15.04	7.01	
Lang - 2	Lang	46103140	19790510	S	5.68	6.80	
Lang - 2	Lang	46108140	19790510	C	5.78	6.81	72.0
Lang - 4	Lang	46108140	19790510	C	6.59	6.90	75.0
Pamsey - 1	McKim	49298057	19790509	S	14.78	7.14	
Pamsey - 6	McKim	49298057	19790509	S	13.32	7.21	
Pamsey - 6	McKim	49298057	19790509	C	13.46	7.23	223.0
Fethel - 1	McKim	46288057	19790514	S	45.32	6.16	
Fethel - 1	McKim	46288057	19790514	C	45.27	6.37	416.0
Fethel - 2	McKim	46288057	19790514	S	45.43	6.34	
Fethel - 2	McKim	46288057	19790514	C	45.46	6.33	422.0
Griffen - 1	Merritt	46148145	19790508	C	30.53	7.52	122.0
Griffen - 4	Merritt	46148145	19790508	S	30.00	7.35	
Griffen - 4	Merritt	46148145	19790508	C	30.73	7.54	123.0

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Misc Lakes

YEAR : 1979

DISTRICT : Timiskaming

LAKE - STATION	TOWNSHIP	LAT/LONG	DATE	METHOD	TOTAL K mg/L	pH units	COND. umh/cm
Pay - 2	Coleman	47217951	19790530	S	13.33	7.82	
Eay - 2	Coleman	47217951	19790530	C	13.48	7.16	56.0
Eay - 6	Coleman	47217951	19790530	S	12.35	6.92	
Pay - 6	Coleman	47217951	19790530	C	13.47	6.90	57.0
Friday - 2	Best &	47137939	19790530	S	8.91	6.94	
Friday - 2	Gillies	47137939	19790530	C	9.05	6.91	51.0
Friday - 4	Best &	47137939	19790530	S	9.16	7.01	
Friday - 4	Gillies	47137939	19790530	C	8.86	6.88	51.0

SECTION 3:

INTENSIVE LAKE SAMPLING PROGRAM

SECTION 3: INTENSIVE LAKE SAMPLING PROGRAM

Page

ALGOMA DISTRICT

3-1

Black Trout Lake

Trout Lake

Bone Lake

Basswood Lake

Chiblow Lake

Flack Lake

COCHRANE DISTRICT

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Lac Aux Saubles

NIPISSING DISTRICT

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Temagami Lake

Marten Lake

MANITOULIN DISTRICT

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George Lake

Three Narrows Lake

Trout Lake

Round Lake

PARRY SOUND DISTRICT

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Wahwashkesh Lake

Lorimer Lake

Otter Lake

Sollman Lake (Horn Lake)

Fowke Lake

Eagle Lake

SUDBURY DISTRICT

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Hamilton Lake

Welcome Lake

Emerald Lake

Whitefish Lake

Fairbanks Lake

Geneva Lake

Bigwood Lake

Laundrie Lake

Alphretta Lake

Kukagami Lake

TIMISKAMING DISTRICT

3-7

Whitepine Lake

ANNUAL SUMMARY-I.E. REGION
WATER QUALITY REPORT

PROGRAM :Intensive

YEAR :1979

DISTRICT :Algona

LAKE - STATION	TOWNSHIP	LAT/LONG	DATE	METHOD	TEMPERATURE deg/L	pH units	COND. umh/cm
Black Trout	30-XXIV	43033450	19791015	PC	7.45	5.37	45
Black Trout	30-XXIV	43033450	19300201	PC	6.24	5.53	15
Trout	24-XXIV	47023404	19791015	PC	11.75	5.92	15
Trout	24-XXIV	47023404	19300201	PC	11.29	5.72	17
Bone	Tupper	46433416	19791015	PC	3.32	5.55	25
Bone	Tupper	46433416	19300201	PC	2.54	5.00	25
Basswood	Dae	46193324	19791015	PC	4.42	5.31	33
Basswood	Dae	46193324	19300201	PC	3.67	5.43	37
Criblow	Various	46213303	19791015	PC	4.23	5.37	35
Criblow	Various	46213303	19300201	PC	4.23	5.14	13
Flack	157	45353247	19791015	PC	5.01	5.95	39
Flack	157	45353247	19300201	PC	4.73	5.52	41

ANNUAL SUMMARY-I.B. REGION
WATER QUALITY REPORT

PROGRAM :Intensive

YEAR :1979

DISTRICT :Cochrane

LAKE - STATION	TOWNSHIP	LAT/LONG	DATE	METHOD	TOTALK mg/L	pl units	COND. umh/cm
Lac Aux Saucles J,K,N		49493217	19791015	PC	3.06	6.60	34
Lac Aux Saucles J,K,N		49493217	19800201	PC	2.09	6.03	34

ANNUAL SUMMARY-1.E. REGION
WATER QUALITY REPORT

PROGRAM :Intensive

YEAR :1979

DISTRICT :Nipissing

LAKE - STATION	TOWNSHIP	LAT/LONG	DATE	METHOD	TIPACK mg/L	pH units	COND. umh/cm
Tenagami	Various	47003005	19791004	PC	1.54	5.41	39
Tenagami	Various	47008005	19300121	PC	1.41	5.19	42
Marten	Sisk, McLaren	46437340	19791004	PC	5.50	5.75	42
Marten	Sisk, McLaren	46437840	19300121	PC	5.03	5.47	45

ANNUAL SUMMARY-I.S. REGION
WATER QUALITY REPORT

PROGRAM :Intensive

YEAR :1979

DISTRICT :Manitoulin

LAKE - STATION	TOWNSHIP	LAT/LONG	DATE	METHOD	TEMPALK mg/L	ph units	COND. umh/cm
George	Killarney	46028124	19791009	TC	0.00	5.13	35
George	Killarney	46028124	19300124	TC	0.00	4.97	39
Three Narrows	Killarney	46058127	19791009	TC	0.23	5.55	35
Three Narrows	Killarney	46058127	19300124	TC	0.00	5.25	41
Trout	Burpee	45358010	19791009	TC	1.19	6.16	23
Trout	Burpee	45358010	19300124	TC	0.90	5.31	30
Round	Ferguson, Bur.	45313003	19791009	TC	0.00	5.07	22
Round	Ferguson, Bur.	45313003	19300124	TC	0.00	4.72	25

ANNUAL SUMMARY - I. 3 REGION
WATER QUALITY REPORT

PROGRAM : Intensive

YEAR : 1979

DISTRICT : Parry Sound

LAKE - STATION	TOWNSHIP	LAT/LONG	DATE	PERIOD	TEMPERATURE °C	PH	COND. umh/cm
Janwashkesh	McKenzie	45433002	19791009	TC	5.25	6.67	42
Janwashkesh	McKenzie	45433002	19800124	TC	4.30	6.41	45
Loriner	Hagerman, Par.	45327953	19791009	TC	9.94	5.72	55
Loriner	Hagerman, Par.	45327953	19800124	TC	9.03	5.73	54
Otter	Poley	45177953	19791009	TC	2.77	5.51	32
Otter	Poley	45177953	19800124	TC	2.05	5.11	31
Solomon (Horn)	Monteith	45247935	19791009	TC	0.72	5.91	20
Solomon (Horn)	Monteith	45247935	19800124	TC	0.53	5.73	32
Fowke	Lount	45197940	19791009	TC	15.05	7.01	53
Fowke	Lount	45197940	19800124	TC	14.25	5.32	53
Eagle	Macnar	45507030	19791009	TC	5.05	5.77	35
Eagle	Macnar	45507030	19800124	TC	2.73	6.32	30

ANNUAL SUMMARY-I.E. REGION
WATER QUALITY REPORT

PROGRAM :Intensive

YEAR :1979

DISTRICT :Sudbury

LAKE - STATION	TOWNSHIP	LAT/LONG	DATE	TECHNO	TEMPALX mg/L	ph units	COND. umh/cm
Hamilton	Strom	47323300	19791015	TC	0.00	4.76	20
Hamilton	Strom	47323300	19300201	TC	0.00	4.54	20
Welcome	Stull, Valin	47113102	19791004	TC	5.42	6.87	46
Welcome	Stull, Valin	47113102	19300121	TC	5.04	6.50	51
Emerald	Afton	46543019	19791004	TC	5.35	7.00	55
Emerald	Afton	46543019	19300121	TC	5.37	5.70	53
Whitefish	Whitefish I.R.	46233111	19791004	TC	7.32	7.02	74
Whitefish	Whitefish I.R.	46233111	19300121	TC	5.22	5.30	73
Fairbank	Fairbank, Trill	46233126	19791004	TC	11.77	7.25	55
Fairbank	Fairbank, Trill	46233126	19300121	TC	11.21	5.99	55
Geneva	Hess	46463133	19791004	TC	3.01	5.53	33
Geneva	Hess	46463133	19300121	TC	2.70	5.23	40
Bigwood	Kitchener	45513105	19791004	TC	0.24	5.54	33
Pigwood	Kitchener	45513105	19300121	TC	0.02	5.32	41
Laundrie	Howey	47078052	19791004	TC	0.00	5.20	34
Laundrie	Howey	47078052	19300121	TC	0.00	5.06	35
Alphretta	Telfer, Stobie	46593046	19791004	TC	0.03	5.69	42
Alphretta	Telfer, Stobie	46593046	19300121	TC	0.02	5.52	45
Kukagani	Kelly, Davis	46448033	19791004	TC	0.00	5.53	54
Kukagani	Kelly, Davis	46448033	19300121	TC	0.00	5.34	55

ANNUAL SUMMARY-I.E. REGION
WATER QUALITY REPORT

PROGRAM :Intensive

YEAR :1979

DISTRICT :Timiskaming

LAKE - STATION	TOWNSHIP	LAT/LONG	DATE	DEPTH	TEMPERATURE °C	PH	COND. µm/cm
Whitepine	Gamble	47233033	19791004	TC	0.00	4.90	33
Whitepine	Gamble	47233033	19800121	TC	0.00	4.61	33



SECTION 4:

WATER QUALITY STUDY PROGRAM

SECTION 4: WATER QUALITY STUDY PROGRAM

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Coniston Creek

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La Vase River

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STATION LOCATIONS

CONISTON CREEK

<u>STATION</u>	<u>EASTING</u>	<u>NORTHING</u>
CF 1	51514	515633
2	51570	515588
3	51410	515377
4	51230	515109
5	51239	515055
6	51222	514819
7	51226	514812
8	51245	514781
9	51246	514776
10	51369	514654
7a	51239	514796

STATION LOCATIONS (continued)

VEUVE RIVER

<u>STATION</u>	<u>EASTING</u>	<u>NORTHING</u>	<u>STATION</u>	<u>EASTING</u>	<u>NORTHING</u>
V1	57230	513320	VT1	56910	513377
V2	57000	513625	VT2	55915	514195
V3	56740	513955	VT3	55585	514320
V4	55840	514133	VT4	54825	514245
V5	55285	514285	VT5	54836	514375
V6	54774	514390			
V7	54155	514524			

LA VASE RIVER

ST1	62414	512494	ST9	62448	512512
ST2	62416	512480	ST10	62376	512486
ST3	62420	512474	ST11	62350	512472
ST4	62396	512498	ST12	62350	512452
ST5	62424	512506	ST13	62468	512468
ST6	62440	512514	ST14	62366	512460
ST7	62482	512562	ST15	62306	512372
ST8	62495	512565	ST16	62937	512520

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROJECT: Water Quality Study
WATERBODY: Coniston Creek
DATE: 1979

STATION	SAMP TYPE	SAMPLE DATE	D.O. mg/L	BOD5 mg/L	Temp C	mg mg/L	TOC mg/L	pH field	T.P. mg/L	S.P. mg/L
CF-1		07/04								
CF-2		"								
CF-3		"								
CF-4		"								
CF-5		"								
CF-6		"								
CF7(STP)		"		32.0				7.30	1.900	0.240
CF-8		"		1.2				7.35	0.070	0.015
CF-9		"						7.31	0.035	0.005
CF-10		"		0.8				7.40	0.030	0.005
CF-1		07/18				15.00		7.03	0.043	0.007
CF-2		"				1.95		7.29	0.002	<0.001
CF-3		"				14.00		7.56	0.005	<0.001
CF-4		"				10.50		7.33	0.016	0.001
CF-5		"				11.00		7.62	0.005	0.001
CF-6		"				10.50		7.53	0.010	0.001
CF7(STP)		"				13.00		7.00	4.100	3.500
CF-7A		"				12.00		7.40	0.160	0.020
CF-8		"				11.00		7.30	0.120	0.020
CF-9		"				43.00		7.20	0.020	<0.020
CF-10		"				11.00		7.20	0.200	0.030
CF-1		07/25				16.00		6.95	0.053	0.014
CF-2		"				2.30		6.91	0.012	0.002
CF-3		"				15.00		7.13	0.007	0.002
CF-4		"				13.00		7.31	0.026	0.001
CF-5		"				12.00		7.22	0.003	0.001
CF-6		"				11.00		7.39	0.015	0.002
CF7(STP)		"				10.00		7.07	3.300	1.200
CF-7A		"				9.00		7.12	0.138	0.060
CF-8		"				11.00		7.05	0.062	0.069
CF-9		"				41.00		5.56	0.017	0.001
CF-10		"				11.00		7.41	0.170	0.116

STATION	SAMP TYPE	SAMPLE DATE	NH3 mg/L	TKN mg/L	NO2 mg/L	NO3 mg/L	SO4 mg/L	Cond umh/cm	Alk mg/L	Cl mg/L
CF-1		07/04								
CF-2		"								
CF-3		"								
CF-4		"								
CF-5		"								
CF-6		"								
CF7(STP)		"	11.000	18.00	<0.100	0.050	35.0	780	159	96.00
CF-8		"	0.453	0.94	0.006	0.004	339.0	860	33	13.50
CF-9		"	0.053	0.90	0.007	0.148	129.0	740	59	115.00
CF-10		"	0.205	0.57	0.011	0.049	377.0	860	32	21.00
CF-1		07/13	0.072	0.52	0.005	0.040	570.0	1180	46	225.00
CF-2		"	0.004	0.17	0.001	0.099	19.0	91	21	0.60
CF-3		"	0.005	0.26	0.001	0.004	450.0	1010	56	19.00
CF-4		"	0.040	0.52	0.001	0.014	20.5	465	114	63.00
CF-5		"	0.009	0.29	0.001	0.004	362.0	300	49	14.00
CF-6		"	0.013	0.32	0.002	0.008	349.0	730	49	16.00
CF7(STP)		"	17.000	13.00	0.320	<0.100	56.0	655	142	69.00
CF-7A		"	0.400	1.00	0.030	<0.100	275.0	670	47	14.00
CF-8		"	0.200	0.60	0.340	0.100	313.0	755	51	17.00
CF-9		"	0.200	0.60	0.010	<0.100	600.0	1210	134	58.00
CF-10		"	0.100	0.60	0.470	0.400	295.0	720	50	14.00
CF-1		07/25	0.102	0.63	0.006	0.049	625.0	1230	50	24.50
CF-2		"	0.004	0.24	0.002	0.113	20.0	96	24	0.95
CF-3		"	0.022	0.41	0.001	0.019	524.0	1150	60	22.00
CF-4		"	0.005	0.57	0.004	0.006	13.5	610	122	110.00
CF-5		"	0.008	0.35	0.003	0.072	416.0	940	51	17.50
CF-6		"	0.016	0.38	0.003	0.042	390.0	910	52	20.50
CF7(STP)		"	15.300	24.00	0.110	0.040	75.0	620	133	60.00
CF-7A		"	0.848	1.48	0.027	0.073	303.0	770	50	20.00
CF-8		"	0.905	1.41	0.050	0.075	354.0	870	55	22.00
CF-9		"	0.354	0.70	0.006	0.334	700.0	1390	5	42.50
CF-10		"	0.514	1.13	0.142	0.293	380.0	870	53	21.50

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Flow (cfs)	Al mg/L	Zn mg/L	Pb mg/L	Ni mg/L	Cu mg/L	Fe mg/L
CF-1		07/04		13.60	0.26	<0.01	<0.03	0.74	0.10	1.70
CF-2		"		7.30	0.16	"	"	0.06	0.02	0.13
CF-3		"			0.14	"	"	0.63	0.04	0.10
CF-4		"			0.14	"	"	0.16	0.04	0.35
CF-5		"			0.14	"	"	0.60	0.04	0.23
CF-6		"			0.22	"	"	0.55	0.04	0.23
CF7(STP)		"			0.80	0.05	<0.03	0.33	0.13	1.30
CF-8		"			<0.02	<0.01	"	0.50	0.03	0.20
CF-9		"			0.66	0.04	"	4.80	0.16	3.70
CF-10		"		22.35	0.13	<0.01	"	0.68	0.04	0.38
CF-1		07/18	200.0							
CF-2		"	10.6							
CF-3		"	180.0							
CF-4		"	47.0							
CF-5		"	135.0							
CF-6		"	130.0							
CF7(STP)		"	37.0							
CF-7A		"	104.0							
CF-8		"	122.0							
CF-9		"	112.0							
CF-10		"	112.0							
CF-1		07/25	210.0		0.34	<0.01	<0.03	1.00	0.15	1.50
CF-2		"	9.8		0.26	<0.01	<0.03	0.06	0.02	0.91
CF-3		"	180.0		<0.02	<0.01	<0.03	0.64	0.03	0.08
CF-4		"	44.0		0.12	<0.01	<0.03	0.10	0.02	1.90
CF-5		"	140.0		0.10	<0.01	<0.03	0.47	0.02	0.50
CF-6		"	140.0		0.26	<0.01	<0.03	0.42	0.02	0.60
CF7(STP)		"	40.0		0.62	0.07	<0.03	0.24	0.12	1.60
CF-7A		"	100.0		0.13	<0.01	<0.03	0.36	0.02	1.20
CF-8		"	100.0		0.14	<0.01	<0.03	0.44	0.02	0.50
CF-9		"	110.0		0.60	0.20	<0.03	21.00	0.71	5.80
CF-10		"	120.0	36.7	0.03	<0.01	<0.03	0.94	0.02	0.38

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Water Quality Study
WATERBODY: La Vase River
DATE : 19790710

STATION	SAMP TYPE	SAMPLE DATE	BOD5 mg/L	Mg mg/L	TCC mg/L	pH units	TP mg/L	SP mg/L	NH3 mg/L	TKN mg/L
1		07/10								
2		"	0.8	2.65		5.31	0.056	0.014	0.006	0.093
3		"								
4		"	0.8	2.85		5.57	0.057	0.016	0.015	0.135
5		"	1.0	3.75		5.55	0.090	0.022	0.022	1.130
6		"								
7		"								
8		"	1.0	1.3		6.25	0.052	0.005	0.161	0.091
9		"	1.2	4.55		4.93	0.043	0.003	10.6	11.0
10		"								
11		"								
12		"								
13		"	2.2	2.15		5.99	0.030	0.005	0.031	0.50
14		"								
15		"	0.8	3.15		5.38	0.054	0.019	0.153	1.03
16		"	1.4	3.75		5.59	0.101	0.026	1.21	0.037

STATION	SAMP TYPE	SAMPLE DATE	NO2 ng/L	NO3 ng/L	SO4 mg/L	COND ummo/L	ALK CaCO3	Cl mg/L	Ca mg/L	CaCO3 mg/L
1		07/10								
2		"	0.024	2.33		114		0.25	3.6	32
3		"								
4		"	0.045	2.61		121		10.7	3.3	34
5		"	2.20	0.50		156		13.5	10.2	11
6		"								
7		"								
8		"	0.005	0.015		35		12.0	5.2	20
9		"	6.5	21.5		335		26.5	15.2	57
10		"								
11		"								
12		"								
13		"	0.090	4.11		36		3.50	3.0	20
14		"								
15		"	0.048	1.35		143		13.0	10.0	33
16		"	0.037	0.003		155		22.0	10.6	42

STATION	SAMP TYPE	SAMPLE DATE	Cu ng/L	Pb ng/L	Zn ng/L	Al ng/L	Fe ng/L	As ng/L	Heavy Metals
1		07/10							-
2		"	<0.01	<0.03	<0.01	1.22	0.92	<1.001	-
3		"							-
4		"							-
5		"	<0.01	<0.03	<0.01	1.51	2.2	<1.001	-
6		"							-
7		"							-
8		"							-
9		"	<0.01	<0.03	<0.01	1.31	1.31	<1.001	-
10		"							-
11		"							-
12		"							-
13		"	<0.01	<0.03	0.02	1.29	1.22	<1.001	-
14		"							-
15		"							-
16		"	<0.01	0.04	<0.01	1.55	2.0	<1.001	-

ANNUAL SUMMARY-1.5. REGION
WATER QUALITY REPORT

PROGRAM : Water Quality Study
WATERBODY: La Vase River
DATE : 19790303

STATION	SAMP TYPE	SAMPLE DATE	DO5 mg/l	ML mg/L	TCC mg/L	PH units	TP mg/L	SP mg/L	NH3 mg/L	TKN mg/L
1		08/08	1.4	3.3	12.0	6.59	0.052	0.014	0.349	1.3
2		"	1.6	3.25	12.2	5.5	0.053	0.013	0.390	1.35
3		"	1.2	3.05	10.0	5.45	0.070	0.015	0.274	1.25
4		"	2.0	3.30	12.3	5.52	0.059	0.011	0.313	1.25
5		"	1.3	3.30	12.4	5.43	0.050	0.015	0.423	1.34
6		"	2.4	3.5	14.4	5.41	0.035	0.013	0.537	1.5
7		"	2.4	3.5	14.4	5.41	0.035	0.013	0.537	1.50
8		"	1.0	1.85	12.0	5.22	0.043	0.002	0.002	0.03
9		"	4.2	4.00	9.4	5.34	0.052	0.027	12.5	13.3
10		"								
11		"	1.8	3.25	11.3	5.41	0.054	0.013	0.313	1.43
12		"								
13		"	1.0	2.25	5.0	5.45	0.025	0.009	0.444	0.80
14		"	1.2	3.45	11.3	5.49	0.055	0.011	0.200	1.00
15		"	1.6	3.35	11.3	5.54	0.053	0.010	0.272	1.03
16		"	2.0	4.00	17.5	5.52	0.093	0.015	0.155	1.72

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/l	NO3 mg/l	NO4 mg/l	TOTAL N mg/l	ALK. CaCO3	Cl mg/l	Ca mg/l	CaCO3 mg/l
1		08/08	0.185	1.32	15.5	144	24	15.5	10.0	-
2		"	0.160	1.34	15.0	113	24	15.5	9.4	-
3		"	0.340	1.91	15.0	135	20	13.0	9.2	-
4		"	0.165	1.23	15.5	113	23	15.0	9.2	-
5		"	0.160	1.34	15.0	111	23	15.0	9.4	-
6		"								-
7		"	0.072	0.633	20.0	137	23	13.0	9.0	-
8		"	0.035	0.005	5.0	30	17	9.095	5.5	-
9		"	2.90	13.7	17.5	340	33	13.0	13.0	-
10		"								-
11		"	0.071	1.23	15.0	146	23	15.5	9.4	-
12		"								-
13		"	0.600	1.3	13.0	93	15	3.50	3.0	-
14		"	0.090	2.05	15.5	155	24	21.5	10.2	-
15		"	0.090	2.05	15.5	192	31	23.0	11.4	-
16		"	0.008	0.022	13.0	170	30	21.5	11.2	-

STATION	SAMP TYPE	SAMPLE DATE	Cu ng/l	Ni ng/L	Pb ng/L	Zn ng/L	Co ng/L	Cr ng/L	Mn ng/L	Mg ng/L
1		08/08	<0.01	<0.02	<0.03	<0.01	0.02	<0.02	0.20	4.1
2		"	<0.01	<0.02	<0.03	<0.01	0.02	<0.02	0.21	4.0
3		"	<0.01	<0.02	<0.03	<0.01	0.02	0.04	0.13	3.01
4		"	<0.01	<0.02	<0.03	<0.01	0.02	<0.02	0.23	3.07
5		"	<0.01	<0.02	<0.03	<0.01	0.02	0.04	0.23	4.1
6		"								
7		"	<0.01	<0.02	<0.03	<0.01	0.03	<0.02	0.32	4.4
8		"	<0.01	<0.02	<0.03	<0.01	0.03	0.04	0.33	2.0
9		"	<0.01	<0.02	<0.03	<0.01	0.02	0.04	0.23	5.0
10		"								
11		"	<0.01	<0.02	<0.03	<0.01	<0.005	<0.02	0.23	4.01
12		"								
13		"	<0.01	<0.02	<0.03	<0.01	<0.005	<0.02	0.35	2.5
14		"	<0.01	<0.02	<0.03	<0.01	<0.005	<0.02	0.21	4.01
15		"	<0.01	<0.02	<0.03	<0.01	<0.005	<0.02	0.15	5.01
16		"	<0.01	<0.02	<0.03	<0.01	0.02	<0.02	0.02	5.01

ANNUAL SUMMARY - J. E. REGION
WATER QUALITY REPORT

PROGRAM : Water Quality Study
WATERBODY: Veuve River
DATE : 19790619

STATION	SAMP TYPE	SAMPLE DATE	D.O. mg/L	TEMP C	BOD5 mg/L	Mg mg/L	Dis.O2 mg/L	pH units	TP mg/L	SP mg/L
V 1	-	06/19	3.1	20.5	1.0	3.9	12.8	3.46	0.059	0.013
VT 1	-	06/19	3.4	19.5	1.6	3.5	14.5	7.65	0.133	0.035
V 2	-	06/19	3.9	20.0	1.2	3.7	12.7	7.43	0.065	0.007
V 3	-	05/19	3.7	21.0	1.0	4.0	12.6	7.33	0.031	0.005
VT 2	-	06/19	7.6	20.0	3.2	3.6	12.6	7.36	0.055	0.003
V 4	-	06/19	7.8	22.0	0.3	4.7	12.7	7.37	0.070	0.003
VT 3	-	05/19	9.6	19.5	0.6	5.5	14.2	7.71	0.096	0.011
V 5	-	06/19	7.3	20.5	0.5	4.35	12.6	7.41	0.064	0.003
VT 4	-	06/19	5.7	22.5	0.6	4.55	9.6	7.63	0.113	0.006
VT 5	-	06/19	3.0	17.5	1.6	3.3	14.0	6.96	0.063	0.010
V 6	-	06/19	11.2	22.5	0.3	3.1	13.5	7.21	0.040	0.007
V 7	-	05/19	7.8	21.5	1.0	3.0	13.6	7.24	0.105	0.002

STATION	SAMP TYPE	SAMPLE DATE	NH3 ng/L	TKN ng/L	NO2 ng/L	NO3 ng/L	SiO4 ng/L	COND. umho/c	ALK. ng/L	Cl ng/L
V 1	-	06/19	0.113	0.30	0.010	0.115	12.5	120	43	3.175
VT 1	-	06/19	0.075	1.03	0.013	0.057	17.0	250	110	3.130
V 2	-	06/19	0.034	0.73	0.006	0.044	12.0	111	39	3.030
V 3	-	06/19	0.070	0.74	0.005	0.054	12.5	115	42	3.155
VT 2	-	06/19	0.072	0.73	0.003	0.077	9.0	99	35	1.175
V 4	-	06/19	0.064	0.70	0.007	0.103	12.5	137	51	4.25
VT 3	-	06/19	0.052	1.73	0.011	0.119	13.0	155	54	2.110
V 5	-	06/19	0.043	0.63	0.007	0.103	13.5	125	44	4.195
VT 4	-	06/19	0.010	0.51	0.003	0.002	12.5	113	43	0.150
VT 5	-	06/19	0.033	0.90	0.009	0.145	10.5	94	33	1.195
V 6	-	06/19	0.045	0.63	0.003	0.057	12.5	99	23	5.150
V 7	-	06/19	0.070	0.73	0.007	0.123	12.5	95	23	5.115

STATION	SAMP TYPE	SAMPLE DATE	Ca ng/L	Cr ng/L	Al ng/L	Zn ng/L	Cu ng/L	Ni ng/L	Mn ng/L	Fe ng/L
V 1	-	05/19	13.5	-	-	-	-	-	-	-
VT 1	-	05/19	32.0	-	-	-	-	-	-	-
V 2	-	06/19	12.0	-	-	-	-	-	-	-
V 3	-	05/19	13.0	-	-	-	-	-	-	-
VT 2	-	05/19	12.2	<0.02	0.41	<0.01	<0.01	<0.02	0.20	0.04
V 4	-	06/19	15.4	<0.02	0.20	0.05	0.00	<0.02	0.09	0.79
VT 3	-	05/19	19.2	<0.02	0.32	0.01	<0.01	<0.02	0.03	0.79
V 5	-	06/19	13.6	0.04	0.30	0.06	0.12	<0.02	0.10	1.0
VT 4	-	06/19	13.6	-	-	-	-	-	-	-
VT 5	-	05/19	9.6	<0.02	0.32	0.01	<0.01	<0.02	1.3	1.1
V 6	-	06/19	9.3	<0.02	0.24	0.05	0.07	<0.02	0.10	1.0
V 7	-	05/19	9.6	-	-	-	-	-	-	-

STATION	SAMP TYPE	SAMPLE DATE	AS mg/L
V 1	-	05/19	-
VT 1	-	05/19	-
V 2	-	05/19	-
V 3	-	05/19	-
VT 2	-	05/19	<0.001
V 4	-	06/19	0.002
VT 3	-	06/19	<0.001
V 5	-	05/19	0.001
VT 4	-	05/19	-
VT 5	-	06/19	0.001
V 6	-	05/19	0.002
V 7	-	05/19	-

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Water Quality Study
WATERBODY: Veauve River
DATE : 19790724

STATION	SAMP TYPE	SAMPLE DATE	BOB5 mg/L	Mg mg/L	Dis.O2 mg/L	PH units	PP mg/L	SP mg/L	TH3 mg/L	TKN mg/L
V 1	-	07/24	1.2	3.30	13.3	7.113	0.013	0.003	0.037	0.072
VT 1	-	07/24	1.6	5.45	15.2	7.15	0.127	0.002	0.004	0.095
V 2	-	07/24	1.2	4.20	12.5	7.52	0.035	0.004	0.050	0.055
V 3	-	07/24	1.2	4.95	12.4	7.55	0.030	0.002	0.005	0.052
VT 2	-	07/24	1.4	9.00	3.5	7.45	0.051	0.043	0.029	0.057
V 4	-	07/24	1.0	3.00	11.4	7.71	0.027	0.002	0.005	0.055
VT 3	-	07/24	0.4	13.00	12.0	7.73	0.031	0.003	0.003	0.054
V 5	-	07/24	0.6	7.50	11.4	7.43	0.037	0.004	0.013	0.054
VT 4	-	07/24	0.5	12.50	3.5	7.52	0.021	0.004	0.004	0.044
VT 5	-	07/24	1.6	10.00	17.0	5.71	0.013	0.029	0.039	0.043
V 6	-	07/24	0.3	4.00	14.0	7.52	0.050	0.004	0.014	0.073
V 7	-	07/24	0.3	3.70	13.3	7.24	0.045	0.005	0.012	0.076

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	NO4 mg/L	TOTAL ammonia	ALK. CaCO3	Cl mg/L	Ca mg/L	Cr mg/L
V 1	-	07/24	0.005	0.045	11.0	115	44	3.40	13.5	<0.02
VT 1	-	07/24	0.003	0.002	3.5	205	35	1.90	25.0	<0.02
V 2	-	07/24	0.005	0.005	11.5	125	49	3.55	14.4	<0.02
V 3	-	07/24	0.004	0.011	12.5	143	39	4.25	17.0	0.02
VT 2	-	07/24	0.005	0.005	13.0	230	102	4.90	29.0	<0.02
V 4	-	07/24	0.003	0.002	13.0	210	36	5.00	24.5	<0.02
VT 3	-	07/24	0.004	0.011	15.0	250	113	3.50	31.0	<0.02
V 5	-	07/24	0.004	0.025	15.5	195	77	5.90	21.3	0.02
VT 4	-	07/24	0.002	0.003	12.0	250	113	0.30	31.0	<0.02
VT 5	-	07/24	0.005	0.014	10.0	220	104	2.40	27.0	0.04
V 6	-	07/24	0.005	0.030	13.5	124	39	7.70	12.6	<0.02
V 7	-	07/24	0.006	0.004	12.5	120	36	7.20	12.0	0.04

STATION	SAITP TYPE	SAMPLE DATE	Al ng/L	Zn ng/L	Cu ng/L	Ni ng/L	Mn ng/L	Pb ng/L	As ng/L
V 1	-	07/24	0.69	<0.01	<0.01	<0.02	0.04	1.00	0.001
VT 1	-	07/24	1.30	<0.01	<0.01	<0.02	0.24	1.30	0.002
V 2	-	07/24	0.13	0.02	<0.01	<0.02	0.07	0.11	0.001
V 3	-	07/24	0.25	0.02	<0.01	<0.02	0.04	0.66	0.001
VT 2	-	07/24	1.10	<0.01	<0.01	<0.02	0.40	1.50	0.001
V 4	-	07/24	0.16	<0.01	<0.01	<0.02	0.04	0.153	<0.001
VT 3	-	07/24	0.25	<0.01	0.02	<0.02	0.09	0.52	<0.001
V 5	-	07/24	0.22	<0.01	<0.01	<0.02	0.10	0.06	0.001
VT 4	-	07/24	0.03	0.02	<0.01	<0.02	0.04	0.03	<0.001
VT 5	-	07/24	0.46	<0.01	0.02	0.05	3.30	0.034	0.003
V 6	-	07/24	0.35	0.03	<0.01	<0.02	0.10	1.00	0.001
V 7	-	07/24	0.44	<0.01	<0.01	<0.02	0.16	1.40	0.002

ANNUAL SUMMARY-I.B. REGION
WATER QUALITY REPORT

PROGRAM : Water Quality Study
WATERBODY: Veuve River
DATE : 19790309

STATION	SAMP TYPE	SAMPLE DATE	DO mg/L	Temp mg/L	Dis.OC mg/L	pH units	TP mg/L	SP mg/L	NH3 mg/L	TKN mg/L
V 1	-	03/09	0.3	7.0	11.8	7.35	0.050	0.026	0.100	0.072
VT 1	-	03/09	1.0	3.0	14.3	7.25	0.053	0.039	0.132	1.03
V 2	-	03/09	0.9	7.0	11.0	7.03	0.045	0.011	0.034	0.073
V 3	-	03/09	0.6	4.35	12.4	7.04	0.033	0.003	0.054	0.071
VT 2	-	03/09	1.0	5.05	10.4	7.20	0.034	0.003	0.071	0.55
V 4	-	03/09	0.6	4.75	11.3	7.14	0.042	0.003	0.050	0.67
VT 3	-	03/09	0.3	5.30	15.07	7.21	0.043	0.003	0.054	0.73
V 5	-	03/09	0.6	4.60	10.8	7.07	0.041	0.007	0.050	0.64
VT 4	-	08/09	0.6	4.15	10.1	5.95	0.032	0.004	0.023	0.62
VT 5	-	08/09	2.4	10.0	13.0	5.63	0.056	0.016	0.100	0.44
V 6	-	03/09	0.3	3.0	13.0	5.94	0.032	0.005	0.054	0.075
V 7	-	03/09	0.3	3.10	13.0	5.92	0.044	0.002	0.103	0.05

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	NO4 mg/L	COND. umho/cm	ALK. CaCO3	Cl mg/L	Ca mg/L
V 1	-	03/09	0.012	0.273	15.0	190	59	5.40	21.4
VT 1	-	03/09	0.030	0.110	23.0	220	79	3.35	25.5
V 2	-	03/09	0.005	0.044	14.5	175	65	5.20	19.4
V 3	-	03/09	0.005	0.039	13.0	145	53	4.35	15.4
VT 2	-	03/09	0.004	0.051	14.0	147	56	2.30	17.8
V 4	-	03/09	0.005	0.059	13.0	149	52	5.30	16.2
VT 3	-	03/09	0.003	0.102	15.0	143	61	2.20	13.5
V 5	-	03/09	0.005	0.039	14.0	142	47	5.25	14.3
VT 4	-	03/09	0.002	0.003	3.0	114	43	0.75	13.2
VT 5	-	03/09	0.004	0.001	3.5	250	105	3.90	25.3
V 6	-	03/09	0.003	0.057	13.0	103	29	5.35	19.2
V 7	-	03/09	0.007	0.053	13.0	103	23	5.20	10.4

SECTION 5:

MONITORING PROGRAM

SECTION 5: MONITORING PROGRAM

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MANITOULIN DISTRICT

Bluejay Creek

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Manitou River

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PARRY SOUND DISTRICT

Bernard Creek

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ANNUAL SUMMARY - U.S. REGION
WATER QUALITY REPORT

PROGRAM: Monitor
WATERBODY: Blue Jay Creek
LAT/LONG: 45102159

DISTRICT: Manitoulin
TOWNSHIP: Tenkumnan
DATE: 19790420

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDS mg/L	TIC mg/L	NO3 mg/L	TKN mg/L
EJC-2	G	04/20	34	12.5	3.60	22.0	1.6	23.8	0.005	0.14
EJC-3	G	04/20	33	13.5	3.80	21.0	2.2	23.6	0.011	0.22
EJC-4	G	04/20	34	14.0	3.75	21.5	1.8	29.4	0.005	0.16
EJC-5	G	04/20	33	15.5	4.45	21.5	1.7	29.2	0.002	0.16
EJC-6	G	04/20	37	16.5	4.70	19.0	3.5	32.6	0.019	0.25

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	SP mg/L	Alk mg/L	Cond umh/cm	Hard mg/L	pH units
EJC-2	G	04/20	0.001	0.134	0.010	0.008	119	230	136	7.81
EJC-3	G	04/20	0.002	0.013	0.016	0.002	120	275	138	7.95
EJC-4	G	04/20	0.001	0.104	0.009	0.001	122	285	143	8.01
EJC-5	G	04/20	0.002	0.113	0.009	0.001	124	290	146	8.24
EJC-6	G	04/20	0.002	0.008	0.010	0.001	137	300	160	8.12

STATION	SAMP TYPE	SAMPLE DATE	Fe mg/L
EJC-2	G	04/20	0.02
EJC-3	G	04/20	0.20
EJC-4	G	04/20	0.05
EJC-5	G	04/20	0.08
EJC-6	G	04/20	0.15

ANNUAL SURVEY-N.E. REGION
WATER QUALITY REPORT

PROJECT: Monitor
WATERBODY: Blue Jay Creek
LAT/LONG : 45403100

DISTRICT: Paritoulin
TOWNSHIP: Pookumma
DATE : 19790517

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	PH3 mg/L	TKN mg/L
PJC-1	G	05/17	35	14.2	3.60	21.0	2.3	32.4	0.005	0.18
PJC-2	G	05/17	36	14.1	3.60	21.0	2.9	31.2	0.005	0.20
PJC-3	G	05/17	35	13.3	4.10	21.5	3.4	30.4	0.006	0.23
PJC-4	G	05/17	37	13.9	4.50	21.5	3.8	32.1	0.004	0.22
PJC-5	G	05/17	33	14.8	4.80	21.0	2.8	33.2	0.003	0.20
PJC-6	G	05/17	39	15.3	4.90	18.5	4.1	36.0	0.014	0.31

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	SP mg/L	Alk mg/L	Cond umh/cm	Hard mg/L	ph units
PJC-1	G	05/17	0.001	0.094	0.005	0.001	130	300	149	7.92
PJC-2	G	05/17	0.002	0.033	0.007	0.001	130	295	143	8.23
PJC-3	G	05/17	0.001	0.039	0.009	<0.001	129	295	147	8.43
PJC-4	G	05/17	0.001	0.124	0.006	<0.001	131	300	150	8.06
PJC-5	G	05/17	0.001	0.124	0.011	<0.001	137	315	156	8.12
PJC-6	G	05/17	0.002	0.128	0.014	<0.001	147	325	161	8.02

STATION	SAMP TYPE	SAMPLE DATE	Turb FTU
PJC-1	G	05/17	0.7
PJC-2	G	05/17	1.0
PJC-3	G	05/17	2.0
PJC-4	G	05/17	1.4
PJC-5	G	05/17	2.2
PJC-6	G	05/17	2.2

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROJECT: Monitor
WATERBODY: Blue Jay Creek
LAT/LONG: 45403159

DISTRICT: Manitoulin
TOWNSHIP: Tenkumpeh
DATE: 19790611

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	NO3 mg/L	FEI mg/L	NO2 mg/L	NO3 mg/L
EJC-1	G	06/11	33	15.0	3.99	19.5	0.020	0.21	0.001	0.114
EJC-2	G	06/11	35	15.0	4.30	21.5	0.053	0.33	0.012	0.103
EJC-3	G	06/11	35	14.0	4.30	21.0	0.034	0.27	0.003	0.022
EJC-4	G	06/11	37	15.0	4.45	21.0	0.034	0.25	0.002	0.093
EJC-5	G	06/11	33	15.5	4.90	21.5	0.032	0.27	0.002	0.133
EJC-6	G	06/11	41	16.0	5.55	13.5	0.042	0.40	0.004	0.041

STATION	SAMP TYPE	SAMPLE DATE	TP mg/L	TS mg/L	Alk mg/L	Cond umh/cm	Hard mg/L	pH units	Turb FTU	Fe mg/L
EJC-1	G	06/11	0.003	0.002	142	310	151	7.76	1.0	0.05
EJC-2	G	06/11	0.023	0.015	134	300	152	7.99	1.3	0.14
EJC-3	G	06/11	0.008	0.005	123	290	143	7.62	2.6	0.29
EJC-4	G	06/11	0.006	0.005	131	300	154	7.84	2.6	0.24
EJC-5	G	06/11	0.004	0.003	138	305	159	8.12	2.8	0.24
EJC-6	G	06/11	0.007	0.007	151	325	168	8.07	2.0	0.28

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

FPOCFAM :Monitor
WATERBODY:Blue Jay Creek
LAT/LONG :45408159

DISTRICT:Manitoulin
TOWNSHIP:Tehkummah
DATE :19790710

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
EJC-1	G	07/10	36	14.5	3.30	21.0	3.4	34.0	0.053	0.32
EJC-2	G	07/10	29	12.5	3.40	23.5	2.2	28.8	0.004	0.15
EJC-3	G	07/10	35	14.0	5.55	22.0	3.0	31.8	0.009	0.26
EJC-4	G	07/10	34	13.5	3.80	22.5	2.8	30.4	0.008	0.21
EJC-5	G	07/10	34	14.0	4.40	22.0	2.4	30.4	0.004	0.19
EJC-6	G	07/10	37	14.5	4.40	20.0	3.2	34.0	0.016	0.28

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	SP mg/L	Alk mg/L	Cond umh/cm	Col Paz	Hard mg/L
EJC-1	G	07/10	0.016	0.044	0.017	0.007	139	310	11	150
EJC-2	G	07/10	0.001	0.134	0.009	0.004	121	230	2	124
EJC-3	G	07/10	0.002	0.043	0.013	0.001	131	300	7	145
EJC-4	G	07/10	0.002	0.113	0.011	0.003	125	290	3	140
EJC-5	G	07/10	0.001	0.114	0.003	0.001	129	295	3	143
EJC-6	G	07/10	0.010	0.035	0.018	0.005	140	310	15	152

STATION	SAMP TYPE	SAMPLE DATE	OF units	Fe mg/L
EJC-1	G	07/10	7.80	0.12
EJC-2	G	07/10	7.97	0.03
EJC-3	G	07/10	7.95	0.24
EJC-4	G	07/10	8.16	0.12
EJC-5	G	07/10	8.10	0.08
EJC-6	G	07/10	7.92	0.23

ANNUAL SUMMARY-N.P. REGION
WATER QUALITY REPORT

PROGRAM : Monitor
WATERBODY: Blue Jay Creek
LAT/LONG : 45408159

DISTRICT: Manitoulin
TOWNSHIP: Tekamah
DATE : 19790726

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	NH3 mg/L	TKN mg/L	NO2 mg/L	NO3 mg/L
EJC-2	G	07/26	32	14.5	3.55	22.5	0.006	0.14	0.001	0.154
EJC-3	G	07/26	33	14.0	3.70	22.0	0.048	0.26	0.003	0.002
EJC-4	C	07/26	32	14.5	3.95	22.5	0.008	0.17	0.001	0.134
EJC-5	C	07/26	32	14.5	4.55	22.5	0.004	0.19	0.002	0.108

STATION	SAMP TYPE	SAMPLE DATE	TP mg/L	SP mg/L	Alk mg/L	Cond umh/cm	Hard mg/L	pH units	Fe mg/L
EJC-2	C	07/26	0.008	0.005	125	280	140	7.83	0.04
EJC-3	G	07/26	0.014	0.004	127	280	140	7.82	0.11
EJC-4	G	07/26	0.010	0.003	128	285	140	7.83	0.09
EJC-5	G	07/26	0.006	0.002	130	290	140	7.87	0.07

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

EICCEAN : Monitor
WATERBODY: Blue Jay Creek
LAT/LONG : 45403159

DISTRICT: Manitoulin
TOWNSHIP: Pchkumash
DATE : 19790310

STATION	SAMP TYPE	SAMPLE DATE	CL mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	PK4 mg/L	NO2 mg/L	NO3 mg/L
EJC-1	G	03/10	2.25	13.3	2.2	40.4	0.010	0.24	0.001	0.124
EJC-2	G	03/10	2.80	19.0	2.6	33.3	0.035	0.24	0.002	0.093
EJC-3	G	03/10	3.55	20.0	2.9	35.4	0.030	0.26	0.003	0.062
EJC-4	G	03/10	3.85	21.0	2.5	34.2	0.018	0.26	0.002	0.143
EJC-5	G	03/10	4.25	20.0	2.3	35.2	0.041	0.26	0.002	0.163
EJC-6	G	03/10	4.60	16.0	5.0	39.2	0.016	0.41	0.004	0.041

STATION	SAMP TYPE	SAMPLE DATE	TP mg/L	SP mg/L	Cond umh/cm	pH units	Turb FTU
EJC-1	G	03/10	0.013	0.001	345	7.53	1.2
EJC-2	G	03/10	0.022	0.005	345	7.79	1.2
EJC-3	G	03/10	0.020	<0.001	320	7.95	3.2
EJC-4	G	03/10	0.022	0.001	310	7.61	3.5
EJC-5	G	03/10	0.020	<0.001	325	7.79	2.2
EJC-6	G	03/10	0.021	0.001	340	7.54	2.2

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROJECT: Monitor
WATERBODY: Blue Jay Creek
LAT/LONG : 45408159

DISTRICT: Manitoulin
TOWNSHIP: Tekummah
DATE : 19790910

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	NH3 mg/L	TPH mg/L	NO2 mg/L	NO3 mg/L
EJC-2	G	09/10	32	15.5	1.20	12.5	.011	.20	.001	.054
EJC-4	G	09/10	E	E	3.35	15.5	.055	.38	.002	.173
EJC-5	G	09/10	E	E	3.85	15.5	.016	.32	.002	.168
EJC-6	G	09/10	35	15.5	4.25	13.5	.033	.38	.002	.053

STATION	SAMP TYPE	SAMPLE DATE	TP mg/L	SP mg/L	Alk mg/L	Cond umh/cm	Hard mg/L	pH units
EJC-2	G	09/10	.007	.002	135	230	144	7.71
EJC-4	G	09/10	.056	.041	136	235	E	7.52
EJC-5	G	09/10	.027	.003	140	305	E	7.69
EJC-6	G	09/10	.015	.001	137	300	149	7.68

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Monitor
WATERBODY: Blue Jay Creek
LAT/LONG : 45408159

DISTRICT: Manitoulin
TOWNSHIP: Tehkummah
DATE : 19791010

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	NH3 mg/L	TKN mg/L	NO2 mg/L	NO3 mg/L
EJC-2	G	10/10	34	11.5	3.85	23.0	0.013	0.16	<0.001	0.135
EJC-3	G	10/10	34	12.5	3.95	22.5	0.015	0.30	0.001	0.009
EJC-4	G	10/10	35	13.0	3.80	22.5	0.004	0.17	<0.001	0.120
EJC-5	G	10/10	35	13.0	4.45	22.5	0.007	0.15	0.001	0.104
EJC-6	G	10/10	37	14.0	4.85	20.5	0.014	0.23	0.002	0.023

STATION	SAMP TYPE	SAMPLE DATE	TP mg/L	SP mg/L	Alk mg/L	Cond umh/cm	Hard mg/L	pH units	Turb FTU	Fe mg/L
EJC-2	G	10/10	0.010	0.004	121	282	132	7.87	0.60	0.05
EJC-3	G	10/10	0.012	0.001	123	280	136	8.20	1.2	0.10
EJC-4	G	10/10	0.010	0.003	124	285	141	7.87	1.0	0.07
EJC-5	G	10/10	0.006	0.002	125	286	141	8.15	0.75	0.05
EJC-6	G	10/10	0.009	0.002	136	305	150	7.95	1.6	0.16

ANNUAL SUMMARY-WATER RESOURCES
WATER QUALITY REPORT

PROGRAM : Monitor
WATER BODY: Manitou River
LAT/LONG : 45358205

DISTRICT: Manitoulin
TOWNSHIP: Panguitch
DATE : 19791013

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	PIC mg/L	NH3 mg/L	TKN mg/L
MR-1	G	10/13	15	10.0	3.40	23.0	2.7	27.8	0.010	0.003
MR-2	G	10/13	13	10.5	3.35	22.5	2.8	27.6	0.010	0.007

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	SP mg/L	Alk mg/L	Cond umh/cm	Hard mg/L	pH units
MR-1	G	10/18	<0.001	<0.005	0.22	0.003	115	270	73	3.34
MR-2	G	10/18	<0.001	0.005	0.22	0.002	116	263	73	3.55

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PFOGRAM :Monitor
WATERBODY:Manitou River
LAT/LONG : 45368206

DISTRICT:Manitoulin
TOWNSHIP:Tenkumamah
DATE :19791024

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	FIC mg/L	NH3 mg/L	TKN mg/L
MR-3	G	10/24	33	11.0	3.45	22.0	2.8	27.8	0.006	0.27
MR-4	G	10/24	33	11.5	3.45	22.0	2.3	23.0	0.004	0.25
MR-5	G	10/24	35	12.5	3.30	21.5	2.3	30.2	0.004	0.25
MR-6	G	10/24	35	13.0	3.20	21.5	3.6	30.6	0.003	0.27

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	SP mg/L	Alk mg/L	Cond umh/cm	Hard mg/L	pH units
MR-3	G	10/24	<0.001	<0.004	0.009	<0.001	113	275	123	3.15
MR-4	G	10/24	<0.001	<0.001	0.003	<0.001	120	277	130	3.17
MR-5	G	10/24	<0.001	<0.001	0.003	<0.001	123	290	130	3.14
MR-6	G	10/24	0.001	0.001	0.007	0.001	130	295	143	3.21

ANNUAL SUMMARY-1.E. REGION
WATER QUALITY REPORT

PROJECT: Monitor
WATERBODY: Barnard Creek
LAT/LONG: 45357927

DISTRICT: Parry Sound
PERSONNEL: Ryerson
DATE: 19791017

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	PCC mg/L	PIC mg/L	NH3 mg/L	PK4 mg/L
EC-1	G	10/17	5.9	0.35	4.95	3.5	3.5	1.5	0.007	0.19
EC-2	G	10/17	4.4	0.35	5.0	3.5	3.5	1.4	0.003	0.13
EC-3	G	10/17	4.4	0.90	5.10	9.0	4.0	1.4	0.006	0.19
EC-4	G	10/17	5.9	1.05	5.60	10.5	3.5	1.5	0.005	0.31
EC-5	G	10/17	4.8	1.05	5.70	10.5	3.7	1.4	0.002	0.31
EC-6	G	10/17	4.3	1.10	5.75	10.5	9.2	1.5	0.003	0.33

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	SP mg/L	Alk mg/L	Col Haz	Cond umm/cm	Hard mg/L
EC-1	G	10/17	0.002	0.022	0.005	0.007	10	10	53	15
EC-2	G	10/17	0.002	0.022	0.005	0.002	0	10	55	14
EC-3	G	10/17	0.001	0.013	0.009	0.001	9	12	55	15
EC-4	G	10/17	0.003	0.040	0.015	0.002	10	52	50	17
EC-5	G	10/17	0.004	0.053	0.015	0.001	11	56	50	15
EC-6	G	10/17	0.004	0.053	0.015	0.001	10	53	52	17

STATION	SAMP TYPE	SAMPLE DATE	pH units
EC-1	G	10/17	7.27
EC-2	G	10/17	7.10
EC-3	G	10/17	7.05
EC-4	G	10/17	6.31
EC-5	G	10/17	7.07
EC-6	G	10/17	6.95

SECTION 6:

TROPHIC STATUS PROGRAM

SECTION 6: TROPHIC STATUS PROGRAM

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ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

EFOCRA: :Trophic St
WATERBODY: Angel Lake
LAT/LONG : 46228241

DISTRICT: Algona
TOWNSHIP: 149
DATE : 19790717

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TCC mg/L	PIC mg/L	NH3 mg/L	TKN mg/L
AL-1	C	07/17	22.2	3.75	75	27.5	12.2	13.6	5.49	6.25
AL-2	C	07/17	22.2	3.85	75	27.0	12.0	17.6	5.35	6.50
AL-3	C	07/17	22.2	3.75	75	27.5	11.8.	17.4	4.92	6.50

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	SP mg/L	Alk mg/L	Cond umh/cm	DS mg/L	Hard mg/L
AL-1	C	07/17	0.052	0.003	1.50	1.40	72	445	235	71
AL-2	C	07/17	0.132	0.013	1.55	1.40	71	445	235	71
AL-3	C	07/17	0.350	0.050	1.57	1.30	59	440	235	71

STATION	SAMP TYPE	SAMPLE DATE	CHL-a mg/L
AL-1	C	07/17	29.0
AL-2	C	07/17	31.0
AL-3	C	07/17	23.2

ANNUAL SUMMARY-1.2. REGION
WATER QUALITY REPORT

PROJECT: Trophic St
WATERBODY: Ballwin Lake
LAT/LONG : 46223241

DISTRICT: Aljona
TOWNSHIP: 140
DATE : 19790717

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	FIC mg/L	TH3 mg/L	TK1 mg/L
BL-1	C	07/17	3.4	0.6	0.55	3.0	5.2	0.3	0.040	0.33
BL-2	C	07/17	3.4	0.6	0.45	3.5	5.1	0.3	0.099	0.30
BL-3	C	07/17	3.4	0.6	0.50	3.0	5.2	0.3	0.076	0.35

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	FP mg/L	SP mg/L	Alk mg/L	Cond umh/cm	DS mg/L	Hard mg/L
BL-1	C	07/17	0.006	0.119	0.007	0.003	3	35	172	11
BL-2	C	07/17	0.002	0.123	0.006	0.006	9	35	150	11
BL-3	C	07/17	0.001	0.123	0.006	0.003	9	34	203	11

STATION	SAMP TYPE	SAMPLE DATE	CHL-a mg/L
BL-1	C	07/17	3.2
BL-2	C	07/17	3.1
BL-3	C	07/17	2.7

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Trophic St
WATERBODY: Esten Lake
LAT/LONG : 46228240

DISTRICT: Algona
TO/FROM: Esten
DATE : 19790713

STATION	SAMP SAMPLE		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	TYPE	DATE								
EL-1	C	07/13	17.6	3.35	9.35	50	3.6	2.6	0.045	0.31
EL-1	E	07/13	24	4.05	10.5	71	3.7	2.5	0.002	0.24
EL-2	C	07/13	10.3	3.19	0.30	55	4.2	1.3	0.032	0.35
EL-2	B	07/13	31	4.75	11.5	02	3.3	3.0	0.014	0.27
EL-3	C	07/13	29	4.49	10.5	33	3.8	2.2	0.153	0.43
EL-3	B	07/13	33	5.35	12.0	103	4.0	5.3	0.994	3.30

STATION	SAMP SAMPLE		NO2 mg/L	NO3 mg/L	TP mg/L	SP mg/L	Alk mg/L	Cond umh/cm	DS mg/L	Hard mg/L
	TYPE	DATE								
EL-1	C	07/13	0.004	0.465	0.015	0.004	16	135	120	50
EL-1	E	07/13	0.001	0.914	0.025	0.013	10	230	150	77
EL-2	C	07/13	0.007	0.353	0.020	0.007	11	135	120	52
EL-2	B	07/13	0.003	1.10	0.033	0.023	11	255	172	97
EL-3	C	07/13	0.023	0.552	0.015	0.003	10	245	150	91
EL-3	B	07/13	0.001	0.004	0.250	0.059	22	320	203	110

STATION	SAMP SAMPLE		Calc ug/L
	TYPE	DATE	
EL-1	C	07/13	3.9
EL-1	B	07/13	
EL-2	C	07/13	5.5
EL-2	B	07/13	
EL-3	C	07/13	7.2
EL-3	B	07/13	

ANNUAL SUMMARY-125. REGION
WATER QUALITY REPORT

ADDRESS: Trophic St
LAKE BODY: Esten Lake
LAT/LONG: 40225210

DISTRICT: Algona
TOWNSHIP: Esten
DATE: 19790622

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDS mg/L	PH	NH3 mg/L	PKN mg/L
EL-1	C	03/22	19.6	2.35	11.0	15.5	4.2	9.4	0.014	0.45
EL-1	B	03/22	25	4.30	11.0	55	4.1	5.0	0.032	0.35
EL-2	C	03/22	19.2	3.10	10.5	55	4.0	9.5	0.042	0.40
EL-2	B	03/22	30	4.70	12.0	30	4.6	5.5	0.330	0.63
EL-3	C	03/22	25	3.55	11.0	71	4.2	1.2	0.003	0.55
EL-3	B	03/22	30	5.3	17.5	105	4.7	13.2	2.04	2.40

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	SP mg/L	Alk mg/L	Cond umh/cm	DS mg/L	Hard mg/L
EL-1	C	03/22	0.003	0.031	0.022	0.001	10	170	111	53
EL-1	B	03/22	0.037	0.793	0.075	0.055	14	245	159	33
EL-2	C	03/22	0.007	0.103	0.021	0.001	10	195	127	51
EL-2	B	03/22	0.015	0.559	0.195	0.099	17	270	175	94
EL-3	C	03/22	0.003	0.292	0.019	0.001	10	230	150	73
EL-3	B	03/22	0.006	0.004	0.235	0.040	27	335	213	121

STATION	SAMP TYPE	SAMPLE DATE	CH-a mg/L	Al mg/L	Co mg/L	Cr mg/L	Cu mg/L	Pb mg/L	Ni mg/L	Zn mg/L
EL-1	C	03/22	23.6	0.02	<0.001	<0.002	<0.001	<0.003	<0.002	0.002
EL-1	B	03/22								
EL-2	C	03/22	32.3	0.02	0.003	<0.002	0.003	0.12	<0.002	0.003
EL-2	B	03/22								
EL-3	C	03/22	23.4	0.02	0.001	<0.002	<0.001	<0.003	<0.002	0.001
EL-3	B	03/22								

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Trophic St
WATERBODY:Lake Manitou
LAT/LONG : 45708200

DISTRICT:Manitoulin
TOWNSHIP:Sandfield
DATE :19790613

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
ML-1	C	06/13					2.9	27.2	0.011	0.23
ML-1	B	06/13					3.0	27.4	0.017	0.24
ML-2	C	06/13					3.0	27.4	0.006	0.25
ML-2	B	06/13					3.4	27.2	0.009	0.25
ML-3	C	06/13					3.0	27.4	0.006	0.22
ML-3	B	06/13					3.4	27.4	0.006	0.22
ML-4	C	06/13					3.4	27.2	0.011	0.26
ML-4	B	06/13					3.3	27.4	0.011	0.25
ML-5	C	06/13					3.0	27.2	0.009	0.23
ML-5	B	06/13					3.2	27.6	0.022	0.25

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
ML-1	C	06/13	0.001	0.009	0.003		10	270		3.02
ML-1	B	06/13	0.001	<0.005	0.006		11	270		7.56
ML-2	C	06/13	0.001	<0.005	0.008		10	270		3.09
ML-2	B	06/13	0.001	<0.005	0.007		12	270		3.23
ML-3	C	06/13	<0.001	<0.005	0.004		10	270		3.32
ML-3	B	06/13	0.001	<0.005	0.003		11	270		3.28
ML-4	C	06/13	<0.001	<0.005	0.015		10	270		3.27
ML-4	B	06/13	0.001	<0.005	0.003		10	270		7.86
ML-5	C	06/13	<0.001	<0.005	0.003		10	270		3.04
ML-5	B	06/13	0.001	<0.005	0.003		11	270		3.03

STATION	SAMP TYPE	SAMPLE DATE	SP mg/L	Fe mg/L
ML-1	C	06/13	0.002	0.02
ML-1	B	06/13	0.003	0.01
ML-2	C	06/13	0.001	0.02
ML-2	B	06/13	0.002	0.13
ML-3	C	06/13	0.001	0.03
ML-3	B	06/13	0.002	0.03
ML-4	C	06/13	0.001	0.06
ML-4	B	06/13	0.002	<0.01
ML-5	C	06/13	<0.001	0.04
ML-5	B	06/13	0.001	0.02

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Trophic St
WATERBODY: Lake Manitou
LAT/LONG : 45708200

DISTRICT: Manitoulin
TOWNSHIP: Sandfield
DATE : 19790709

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
ML-1	S	07/09	32	13.0	3.25	23.5	3.2	27.0	0.014	0.23
ML-1	B	07/09	31	13.0	3.15	22.5	3.4	27.0	0.011	0.24
ML-2	S	07/09	31	12.0	3.25	22.5	3.4	27.0	0.013	0.26
ML-2	B	07/09	32	13.0	3.20	22.5	3.0	27.4	0.021	0.23
ML-3	S	07/09	32	12.0	3.25	22.5	3.4	27.0	0.022	0.23
ML-4	S	07/09	31	12.0	3.20	22.5	3.4	27.0	0.015	0.24
ML-4	B	07/09	32	13.0	3.15	22.5	3.2	27.4	0.023	0.25
ML-5	S	07/09	31	12.5	3.20	22.5	3.4	27.0	0.027	0.25
ML-5	B	07/09	32	13.0	3.25	22.5	3.2	23.0	0.034	0.24

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
ML-1	S	07/09	0.001	0.004	0.010	113	1	270	133	8.43
ML-1	B	07/09	0.001	0.004	0.009	113	1	270	131	8.40
ML-2	S	07/09	0.001	0.004	0.011	113	1	270	127	8.48
ML-2	B	07/09	0.012	0.003	0.009	113	3	270	133	8.12
ML-3	S	07/09	0.001	0.005	0.007	113	1	270	129	8.42
ML-4	S	07/09	0.001	0.004	0.010	113	5	270	127	8.43
ML-4	B	07/09	0.002	0.013	0.014	118	3	270	133	8.25
ML-5	S	07/09	0.001	0.004	0.003	117	2	270	129	8.42
ML-5	B	07/09	0.006	0.014	0.010	118	2	275	133	8.02

STATION	SAMP TYPE	SAMPLE DATE	SP mg/L	Fe mg/L
ML-1	S	07/09	0.001	0.01
ML-1	B	07/09	0.001	0.02
ML-2	S	07/09	0.001	0.01
ML-2	B	07/09	0.005	0.01
ML-3	S	07/09	0.003	<0.01
ML-4	S	07/09	0.004	<0.01
ML-4	B	07/09	0.004	0.09
ML-5	S	07/09	0.005	<0.01
ML-5	B	07/09	0.005	0.01

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Trophic St
WATERBODY:Lake Manitou
LAT/LONG : 45708200

DISTRICT:Manitoulin
TOWNSHIP:Sandfield
DATE :19790808

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
ML-1	C	03/03					2.7	27.0	0.027	0.26
ML-1	B	08/03					2.8	23.8	0.010	0.27
ML-2	C	03/03					2.8	27.0	0.027	0.27
ML-2	B	03/08					2.8	27.4	0.022	0.23
ML-3	C	03/08					2.8	27.0	0.034	0.27
ML-3	B	03/08					3.0	27.2	0.026	0.30
ML-4	C	08/08					2.9	27.0	0.027	0.26
ML-4	B	03/08					2.9	26.8	0.015	0.23
ML-5	C	08/08					2.8	27.0	0.054	0.33
ML-5	B	03/08					2.7	23.0	0.019	0.37

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
ML-1	C	03/08	<0.001	<0.005	0.003		1	265		
ML-1	B	03/03	0.001	0.059	0.022		2	275		7.64
ML-2	C	08/03	0.001	<0.005	0.010		1	263		
ML-2	B	03/03	0.001	<0.005	0.017		2	270		8.20
ML-3	C	03/08	<0.001	<0.005	0.012		3	263		
ML-3	B	08/08	0.001	<0.005	0.012		2	270		8.23
ML-4	C	08/08	<0.001	<0.005	0.010		3	267		
ML-4	B	08/08	0.001	<0.005	0.010		3	265		8.40
ML-5	C	08/08	0.001	<0.005	0.014		3	266		
ML-5	B	08/08	0.001	<0.005	0.027		2	270		7.96

STATION	SAMP TYPE	SAMPLE DATE	SP mg/L	Fe mg/L
ML-1	C	08/08	<0.001	0.02
ML-1	B	08/08	0.005	0.04
ML-2	C	08/08	<0.001	0.10
ML-2	B	08/08	<0.001	0.05
ML-3	C	03/08	<0.001	0.04
ML-3	B	08/08	<0.001	0.06
ML-4	C	03/08	<0.001	0.02
ML-4	B	08/08	<0.001	0.05
ML-5	C	08/08	<0.001	0.04
ML-5	B	08/08	<0.001	0.06

PFOCRAM :Trophic St
WATERBODY:Lake Manitou
LAT/LONG : 45708200

DISTRICT:Manitoulin
TOWNSHIP:Sandfield
DATE :19790905

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
ML-1	C	09/05	30	14.0	3.35	22.0	3.0	27.0	0.011	0.21
ML-1	B	09/05	30	15.0	3.45	21.5	2.5	28.8	0.010	0.23
ML-2	C	09/05	30	14.5	3.30	22.0	2.9	26.8	0.012	0.29
ML-2	B	09/05	30	15.0	3.30	22.0	2.8	27.0	0.014	0.24
ML-3	C	09/05	29	15.0	3.30	22.0	2.9	27.0	0.016	0.27
ML-3	B	09/05	30	15.0	3.30	22.0	2.9	26.8	0.012	0.29
ML-4	C	09/05	30	15.0	3.40	22.0	3.2	27.2	0.006	0.25
ML-4	B	09/05	30	15.0	3.30	22.0	2.8	27.0	0.012	0.25
ML-5	C	09/05	30	15.0	3.30	22.5	2.9	27.0	0.026	0.26
ML-5	B	09/05	30	15.0	3.30	22.0	2.8	26.4	0.022	0.29

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
ML-1	C	09/05	<0.001	<0.005	0.007	114	7	270	130	8.29
ML-1	B	09/05	<0.001	<0.005	0.018	115	13	278	137	7.56
ML-2	C	09/05	<0.001	<0.005	0.007	114	12	270	135	8.44
ML-2	B	09/05	0.001	<0.005	0.008	114	10	270	137	8.39
ML-3	C	09/05	<0.001	<0.005	0.007	114	5	270	134	8.45
ML-3	B	09/05	0.001	<0.005	0.013	114	7	270	137	8.46
ML-4	C	09/05	<0.001	<0.005	0.008	115	7	270	137	8.38
ML-4	B	09/05	0.001	<0.005	0.009	115	8	270	137	8.45
ML-5	C	09/05	0.001	0.084	0.008	115	9	270	137	8.46
ML-5	B	09/05	0.002	<0.005	0.009	115	26	270	137	8.37

STATION	SAMP TYPE	SAMPLE DATE	Na mg/L	K mg/L	SP mg/L	Fe mg/L
ML-1	C	09/05	0.8	0.85	0.001	0.02
ML-1	B	09/05	1.0	0.90	0.011	0.01
ML-2	C	09/05	0.8	0.90	<0.001	0.02
ML-2	B	09/05	0.9	0.90	<0.001	0.01
ML-3	C	09/05	0.8	0.90	<0.001	0.02
ML-3	B	09/05	0.9	0.90	<0.001	0.02
ML-4	C	09/05	1.1	0.90	<0.001	0.05
ML-4	B	09/05	0.9	0.90	<0.001	0.04
ML-5	C	09/05	1.0	0.90	<0.001	0.08
ML-5	B	09/05	0.8	0.90	<0.001	0.03

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

FPOCPAM :Trophic St
WATERBODY:Lake Manitou
LAT/LONG : 45708200

DISTRICT:Manitoulin
TOWNSHIP:Sandfield
DATE :19791010

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
ML-1	C	10/10	33	12.0	3.45	22.5	3.0	27.2	0.012	0.23
ML-1	B	10/10	33	13.0	3.55	22.5	2.6	28.8	0.006	0.22
ML-5	C	10/10	33	12.5	3.45	21.5	2.9	27.6	0.018	0.23
ML-5	B	10/10	33	12.5	3.45	21.5	2.9	27.4	0.007	0.24

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
ML-1	C	10/10	<0.001	<0.005	0.006	115	7	270	132	8.87
ML-1	B	10/10	<0.001	0.065	0.011	119	7	275	136	7.60
ML-5	C	10/10	0.001	<0.005	0.014	119	7	272	134	8.18
ML-5	B	10/10	0.001	<0.005	0.010	119	8	272	134	8.26

STATION	SAMP TYPE	SAMPLE DATE	SP mg/L	Fe mg/L
ML-1	C	10/10	0.001	0.01
ML-1	B	10/10	0.006	0.03
ML-5	C	10/10	0.001	0.02
ML-5	B	10/10	0.001	0.02

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Troohic St
WATERBODY:Nosbonsing
LAT/LONG :46127913

DISTRICT:Nipissing
TOWNSHIP:East Ferris
DATE :19790520

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
NL-1	S	06/20			3.55				0.031	0.50
NL-2	S	06/20			3.20				0.026	0.45
NL-2	B	06/20			3.40				0.272	0.66
NL-3	S	06/20			1.50				0.006	0.35
NL-3	B	06/20			1.50				0.337	0.63
NL-4	S	06/20			1.50				0.003	0.39
NL-4	B	06/20			1.50				0.011	0.37
NL-5	S	06/20			1.50				0.005	0.34
NL-5	S	06/20			1.50				0.034	0.35
NL-6	S	06/20			1.50				0.005	0.33
NL-6	B	06/20			1.50				0.014	0.40

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
NL-1	S	05/20	0.001	0.004	0.025	17		53	21	7.17
NL-2	S	06/20	0.001	0.004	0.020	16		53	21	7.32
NL-2	B	06/20	0.003	0.027	0.053	13		63	21	6.72
NL-3	S	06/20	0.001	0.004	0.034	17		57	20	7.42
NL-3	B	06/20	0.004	0.021	0.054	20		53	21	6.73
NL-4	S	06/20	0.001	0.004	0.024	17		57	20	7.37
NL-4	B	06/20	0.002	0.003	0.025	17		57	21	7.31
NL-5	S	06/20	0.001	0.004	0.013	17		56	20	7.50
NL-5	B	06/20	0.001	0.009	0.033	17		53	21	6.95
NL-6	S	06/20	0.001	0.004	0.016	17		57	19	7.44
NL-6	B	06/20	0.001	0.004	0.019	16		57	20	7.04

STATION	SAMP TYPE	SAMPLE DATE	Fe mg/L
NL-1	S	06/20	0.15
NL-2	S	06/20	0.07
NL-2	B	06/20	0.60
NL-3	S	06/20	0.03
NL-3	B	06/20	1.30
NL-4	S	06/20	0.10
NL-4	B	06/20	0.10
NL-5	S	06/20	0.03
NL-5	B	06/20	0.58
NL-6	S	06/20	0.03
NL-6	B	06/20	0.15

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORTPFOCFAM :Trophic St
WATERBODY:Nosbonsing
LAT/LONG :46127913DISTRICT:Nipissing
TOWNSHIP:East Ferris
DATE :19790829

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
NL-1	S	08/29	6.2	1.70	3.05	7.5	5.3	3.4	0.033	0.52
NL-2	S	08/29	6.2	1.60	2.75	8.0	5.3	2.2	0.019	0.61
NL-2	B	08/29	7.2	1.75	3.20	7.0	5.4	9.2	0.738	1.93
NL-3	S	08/29	6.4	1.60	1.45	8.0	5.4	2.0	0.043	0.75
NL-3	B	08/29	6.4	1.55	1.40	8.5	4.3	4.0	0.057	0.35
NL-4	S	08/29	6.4	1.60	1.40	8.0	4.7	3.0	0.031	0.49
NL-4	B	08/29	6.2	1.60	1.40	8.0	4.4	3.8	0.043	0.38
NL-5	S	08/29	6.2	1.60	1.40	8.0	5.2	2.6	0.022	0.63
NL-5	B	08/29	6.4	1.60	1.40	8.5	4.4	4.2	0.110	0.45
NL-6	S	08/29	6.2	1.55	1.45	8.0	5.3	2.8	0.036	0.60
NL-6	B	08/29	6.0	1.70	1.45	7.5	4.4	5.2	0.048	0.41

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
NL-1	S	08/29	0.001	<0.005	0.024	19		65	22	
NL-2	S	08/29	0.001	<0.005	0.025	19		64	22	
NL-2	B	08/29	0.003	0.002	0.270	28		79	25	
NL-3	S	08/29	0.001	<0.005	0.030	20		62	23	
NL-3	B	08/29	0.001	0.009	0.018	20		60	22	
NL-4	S	08/29	0.001	<0.005	0.048	20		62	23	
NL-4	B	08/29	0.001	0.009	0.020	19		60	22	
NL-5	S	08/29	0.001	<0.005	0.029	19		60	22	
NL-5	B	08/29	0.002	0.013	0.073	19		61	23	
NL-6	S	08/29	0.001	<0.005	0.036	20		62	22	
NL-6	B	08/29	0.001	0.004	0.051	20		60	22	

STATION	SAMP TYPE	SAMPLE DATE	Fe mg/L
NL-1	S	08/29	0.17
NL-2	S	08/29	0.09
NL-2	B	08/29	3.40
NL-3	S	08/29	0.19
NL-3	B	08/29	0.12
NL-4	S	08/29	0.10
NL-4	B	08/29	0.16
NL-5	S	08/29	0.09
NL-5	B	08/29	0.36
NL-6	S	08/29	0.09
NL-6	B	08/29	0.18

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Trophic St
WATERBODY: W. Arm Lake
LAT/LONG : 46178000

DISTRICT: Nipissing
TOWNSHIP: Loudon
DATE : 19790813

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
LN-1	C	08/18			1.95	10.5	11.2	8.8	0.085	0.74
LN-2	C	08/18			1.80	10.0	10.2	8.2	0.069	0.64
LN-3	C	08/18			1.60	9.5	10.0	7.4	0.089	0.64
LN-4	C	08/18			1.50	8.0	9.7	6.4	0.118	0.63
LN-5	C	08/18			1.65	10.5	8.2	6.2	0.151	0.59
LN-6	C	08/18			1.45	12.0	7.3	6.0	0.095	0.42

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
LN-1	C	08/18	0.063	0.007	0.036	38		93	46	6.88
LN-2	C	08/18	0.011	0.009	0.028	35		96	42	7.19
LN-3	C	08/18	0.011	<0.005	0.025	34		89	39	7.51
LN-4	C	08/18	0.027	<0.005	0.037	31		83	36	7.17
LN-5	C	08/18	0.004	0.006	0.028	29		82	35	7.04
LN-6	C	08/18	0.002	0.003	0.021	23		75	30	6.89

STATION	SAMP TYPE	SAMPLE DATE	SP mg/L	Turb FTU	Fe mg/L
LN-1	C	08/18	0.014	1.6	0.26
LN-2	C	08/18	0.009	1.6	0.21
LN-3	C	08/18	0.009	1.6	0.19
LN-4	C	08/18	0.018	1.5	0.22
LN-5	C	08/18	0.013	2.0	0.15
LN-6	C	08/18	0.006	2.2	0.13

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Trophic St
WATERBODY:Harris Lake
LAT/LONG : 45428022

DISTRICT:Parry Sound
TOWNSHIP:Wallbridge
DATE :19790927

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
HL-1	C	09/27	3.8	0.55	1.55	8.0	4.3	1.0	0.045	0.29
HL-2	C	09/27	3.3	0.70	1.50	3.0	4.8	0.3	0.024	0.26
HL-3	C	09/27	3.8	0.75	1.50	3.0	4.8	0.3	0.004	0.23
HL-4	C	09/27	3.8	0.75	1.45	9.0	5.0	0.3	0.024	0.27
HL-5	C	09/27	2.8	0.70	0.75	7.0	5.7	1.0	0.044	0.31

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
HL-1	C	09/27	0.002	<0.005	0.009	5		40	12	5.52
HL-2	C	09/27	0.002	0.013	0.006	6		40	12	5.34
HL-3	C	09/27	0.002	0.013	0.007	5		39	13	5.73
HL-4	C	09/27	0.002	<0.005	0.003	5		33	13	5.56
HL-5	C	09/27	0.003	<0.005	0.011	4		31	10	5.34

STATION	SAMP TYPE	SAMPLE DATE	SP mg/L	Al mg/L	Cd mg/L	Cr mg/L	Cu mg/L	Pb mg/L	Ni mg/L	Zn mg/L
HL-1	C	09/27	0.001	0.010	<0.001	<0.004	<0.002	0.010	<0.004	0.004
HL-2	C	09/27	0.001	0.010	<0.001	<0.004	<0.002	<0.005	<0.004	0.004
HL-3	C	09/27	<0.001							
HL-4	C	09/27	<0.001	0.017	<0.001	<0.004	<0.002	<0.005	<0.004	0.005
HL-5	C	09/27	0.001	0.037	<0.001	<0.004	<0.002	<0.006	<0.004	0.006

SAMP SAMPLE

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Trophic St
WATERBODY:Therriault Lake
LAT/LONG : 46403013

DISTRICT:Sudbury
TOWNSHIP:James
DATE :19790705

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TCC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
TL-1	C	07/06	4.5	1.20	0.40	12.0	1.2	1.0	0.024	0.29
TL-2	C	07/06	4.4	1.20	0.40	12.5	4.0	1.2	0.038	0.36
TL-3	C	07/06	4.6	1.20	0.45	12.5	4.4	1.2	0.023	0.29

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
TL-1	C	07/06	0.001	0.004	0.011	3	19	45	15	5.75
TL-2	C	07/06	0.001	0.004	0.021	3	19	45	15	5.51
TL-3	C	07/06	0.001	0.004	0.011	3	19	45	15	5.53

STATION	SAMP TYPE	SAMPLE DATE	Na mg/L	K mg/L	SP mg/L	CHL-a um/L	Al mg/L	As mg/L	Cd mg/L	Cu mg/L
TL-1	C	07/06	0.7	0.40	<0.001	2.0	0.013	<0.001	<0.001	0.001
TL-2	C	07/06	0.7	0.35	<0.001	2.5	0.022	<0.001	<0.001	<0.001
TL-3	C	07/06	0.7	0.40	<0.001	2.4	0.022	<0.001	<0.001	<0.001

STATION	SAMP TYPE	SAMPLE DATE	Pb mg/L	Mo mg/L	Ni mg/L	Zn mg/L
TL-1	C	07/06	<0.003	<0.002	0.004	0.002
TL-2	C	07/06	0.004	<0.002	0.005	0.004
TL-3	C	07/06	<0.003	<0.002	0.004	0.002

SECTION 7:

SPECIAL SURVEYS

SECTION 7: SPECIAL SURVEYS

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ALGOMA DISTRICT

Saint Mary's River

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NIPISSING DISTRICT

Hogan Creek

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Four Mile Creek

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TIMISKAMING DISTRICT

James Lake

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ANNUAL SUMMARY-I.E. REGION
WATER QUALITY REPORT

PROGRAM :S. Survey
WATERBODY:St. Mary's River
LAT/LONG : 46093402

DISTRICT:Algona
TOWNSHIP:Jocelyn
DATE : 19790529

STATION	SAMP TYPE	SAMPLE DATE	TCC mg/L	TIC mg/L	TH3 mg/L	PK4 mg/L	NO2 mg/L	NO3 mg/L	pH units	phenol ppb
SMR-1	G	05/29	E	E	<0.1	0.6	<0.01	0.2	3.2	2.75
SMR-2	G	05/29	E	E	E	E	E	E	E	110
SMR-3	G	05/29	E	E	E	E	E	E	E	62.5
SMR-4	G	05/29	5	12	0.1	0.4	<0.01	0.3	7.5	12.5
SMR-5	G	05/29	110	15	0.5	2.4	0.02	0.2	9.0	5.0
SMR-6	G	05/29	<5	12	<0.1	0.02	<0.01	0.3	3.0	<1.0

STATION	SAMP TYPE	SAMPLE DATE	SS mg/L	DS mg/L	Fe mg/L
SMR-1	G	05/29	9	60	E
SMR-2	G	05/29	11	110	E
SMR-3	G	05/29	3	115	E
SMR-4	G	05/29	3	50	E
SMR-5	G	05/29	9	140	7.7
SMR-6	G	05/29	<5	50	E

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : S. Survey
WATERBODY: St. Mary's River
LAT/LONG : 46093402

DISTRICT: Algoma
TOWNSHIP: Jocelyn
DATE : 19790530

STATION	SAMP TYPE	SAMPLE DATE	TDC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L	NO2 mg/L	NO3 mg/L	Cond umh/cm	oh units
SMP-1	G	05/30	1.6	10.2	0.035	0.17	0.004	0.205	101	7.37
SMP-2	G	05/30	2.3	9.3	0.300	0.53	0.024	0.295	170	7.54
SMP-3	G	05/30	3.0	0.4	0.370	1.25	0.000	0.300	195	7.22
SMP-4	G	05/30	1.8	10.2	0.113	0.27	0.014	0.301	113	7.52
SMP-5	G	05/30	1.3	12.2	0.235	0.55	0.009	0.305	135	7.94
SMP-6	G	05/30	1.6	10.2	0.020	0.11	0.004	0.291	99	7.92
SMP-8	G	05/30	2.5	9.4	0.004	0.15	0.004	0.291	102	3.07
SMP-9	G	05/30	2.0	9.4	0.005	0.12	0.003	0.292	99	7.95
SMP-10	G	05/30	4.4	13.2	2.97	5.30	0.025	0.190	205	7.03

STATION	SAMP TYPE	SAMPLE DATE	phenol ppb	SS mg/L	DS mg/L	SE mg/L	Fe mg/L
SMP-1	G	05/30	2	9.5	55	0	0.10
SMP-2	G	05/30	115	5	111	2	1.5
SMP-3	G	05/30	105	9	127	3	2.4
SMP-4	G	05/30	7	3	73	1	0.35
SMP-5	G	05/30	3	3	33	1	1.1
SMP-6	G	05/30	<1	0.3	54	1	0.05
SMP-8	G	05/30	<1	5	55	2	0.11
SMP-9	G	05/30	<1	1	64	1	0.05
SMP-10	G	05/30	11	44	133	1	1.5

ANNUAL SUMMARY-I.E. REGION
WATER QUALITY REPORT

PROGRAM : S. Survey
WATERBODY: St. Mary's River
LAT/LONG : 46098402

DISTRICT: Algona
TOWNSHIP: Jocelyn
DATE : 19790531

STATION	SAMP TYPE	SAMPLE DATE	TDC mg/L	PIC mg/L	NH3 mg/L	TKN mg/L	NO2 mg/L	NO3 mg/L	Cond umh/cm	pH units
SAR-1	G	05/31	2.0	10.4	0.053	0.27	0.005	0.295	105	7.94
SAR-2	G	05/31	2.7	11.4	0.710	1.10	0.113	0.307	160	7.53
SAR-3	G	05/31	2.7	11.3	3.57	4.30	0.409	0.321	200	3.52
SAR-4	G	05/31	1.6	10.6	0.055	0.21	0.011	0.249	105	7.79
SAR-5	G	05/31	1.3	17.6	0.054	1.73	0.005	0.300	200	3.03
SAR-6	G	05/31	1.3	10.6	0.017	0.16	0.003	0.197	192	7.33
SAR-7	G	05/31	6.0	41.2	0.045	0.15	0.033	0.292	230	10.75

STATION	SAMP TYPE	SAMPLE DATE	phenol ppb	SS mg/L	DS mg/L	Fe mg/L	SE mg/L
SAR-1	G	05/31	<1	1	53	0.15	1
SAR-2	G	05/31	90	15	104	4.0	1
SAR-3	G	05/31	55	35	130	2.7	1
SAR-4	G	05/31	3	2	70	0.17	0
SAR-5	G	05/31	<1	10	130	2.7	0
SAR-6	G	05/31	<1	1	56	0.07	0
SAR-7	G	05/31	<1	7	132	0.36	0

ANNUAL SUMMARY-1.6. REGION WATER QUALITY REPORT

PROJECT: C. Survey
WATER BODY: St. Mary's River
INT/LOD: 8005402

DISTRICT: Aljora
FOUNDER: Jocelyn
DATE: 19700523

STATION	SAMP TYPE	SAMPLE DATE	TDC mg/L	DOC mg/L	MB mg/L	PK mg/L	102 mg/L	103 mg/L	Cond uan/cm	di units
SIR-1	G	05/23	1.7	11.5	0.019	0.23	0.004	0.291	102	7.44
SIR-2	G	05/23	4.3	13.0	1.03	1.53	0.004	0.305	155	7.42
SIR-3	G	05/23	5.9	11.3	0.41	0.33	0.042	0.233	150	7.19
SIR-4	G	05/23	1.3	11.2	0.112	0.31	0.012	0.293	110	7.79
SIR-5	G	05/23	1.3	21.3	0.79	1.53	0.024	0.231	220	3.00
SIR-6	G	05/23	1.7	11.3	0.043	0.25	0.004	0.291	105	7.91

STATION	SAMP TYPE	SAMPLE DATE	phenol mg/L	SS mg/L	DO mg/L	Fe mg/L	SE mg/L
SIR-1	G	05/23	<1	2	55	0.17	0
SIR-2	G	05/23	43	13	107	3.5	0
SIR-3	G	05/23	35	15	104	5.4	0
SIR-4	G	05/23	7	5	72	0.52	0
SIR-5	G	05/23	5	5	143	5.3	0
SIR-6	G	05/23	<1	3	53	0.33	1

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROJECT : S. Survey
WATERBODY : St. Mary's River
LAT/LONG : 46000402

DISTRICT: Algoma
TOWNSHIP: Jocelyn
DATE : 19790629

STATION	SAMP TYPE	SAMPLE DATE	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L	NO2 mg/L	NO3 mg/L	Cond umh/cm	pH units
SMP-1	G	06/29	2.0	10.3	0.370	0.42	0.049	0.291	137	7.39
SMP-2	G	06/29	3.4	10.3	0.93	1.23	0.220	0.39	143	7.19
SMP-3	G	06/29								
SMP-4	G	06/29	1.3	10.0	0.053	0.20	0.007	0.293	103	7.29
SMP-5	C	06/29	13.0	145	0.71	1.33	0.021	0.283	205	7.83
SMP-6	C	06/29	9.6	65	0.018	0.13	0.002	0.293	93	7.77
SMP-7	C	06/29								

STATION	SAMP TYPE	SAMPLE DATE	phenol ppb	SS mg/L	DS mg/L	Fe mg/L	SE mh/L
SMP-1	G	06/29	21	3	39	0.70	0
SMP-2	G	06/29	55	9	93	3.4	
SMP-3	G	06/29	20				0
SMP-4	G	06/29	2	3	67	0.44	
SMP-5	G	06/29	6	12	133	5.4	
SMP-6	G	06/29	8	1	64	0.10	
SMP-7	G	06/29	4				

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : S. Survey
WATERBODY: Hogan Lake
LAT/LONG : 46 20 7921

DISTRICT: Nipissing
TOWNSHIP: Widdifield
DATE : 19791016

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
MC-1	C	10/16	5.0	0.95		13.5			0.003	0.12
MC-2	C	10/16	9.0	2.00		32.5			0.003	0.12
MC-3	C	10/16	9.6	2.35		34.5			0.003	0.10

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
MC-1	C	10/16	0.002	0.013	0.003				16	6.65
MC-2	C	10/16	0.001	0.054	0.006				31	6.49
MC-3	C	10/16	0.002	0.083	0.002				34	7.06

STATION	SAMP TYPE	SAMPLE DATE	SP mg/L	Al mg/L	Cd mg/L	Cr mg/L	Cu mg/L	Fe mg/L	Pb mg/L	Ni mg/L
MC-1	C	10/16	0.002	0.033	<0.001	<0.004	<0.002	0.07	<0.006	<0.004
MC-2	C	10/16	0.001	0.890	0.006	<0.004	0.014	0.18	<0.006	<0.004
MC-3	C	10/16	0.001	0.270	0.005	0.006	0.003	0.09	<0.006	<0.004

STATION	SAMP TYPE	SAMPLE DATE	Zn mg/L
MC-1	C	10/16	0.11
MC-2	C	10/16	3.70
MC-3	C	10/16	3.40

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :S. Survey
WATERBODY:Four Mile Creek
LAT/LONG : 46207920

DISTRICT:Vioissing
TOWNSHIP:Widdifield
DATE :19790617

STATION	SAMP TYPE	SAMPLE DATE	Al mg/L	As mg/L	Cd mg/L	Co mg/L	Cu mg/L	Pb mg/L	Ni mg/L	Zn mg/L
FMC-1	C	06/18	0.23	<0.001	<0.005	<0.002	<0.01	<0.04	<0.02	<0.01
FMC S-1	C	06/18	0.20	<0.001	<0.005	<0.002	<0.01	<0.04	<0.02	0.12
FMC-3	C	06/18	0.20	<0.001	<0.005	<0.002	<0.01	<0.04	<0.02	0.29

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : S. Survey
WATERBODY: Four Mile Creek
LAT/LONG : 46207920

DISTRICT: Nipissing
TOWNSHIP: Wildfield
DATE : 19790513

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
FMC-1	C	05/18				11.5			0.025	0.45
FMC-S1	C	05/18				53.0			0.004	0.13
FMC-S2	C	05/18								
FMC-3	C	05/18				13.0			0.025	0.40

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
FMC-1	C	05/18	0.003	0.147	0.034	5		12		5.53
FMC-S1	C	05/18	0.001	0.394	0.002	5		155		5.34
FMC-S2	C	05/18								
FMC-3	C	05/18	0.003	0.167	0.023	5		53		5.54

STATION	SAMP TYPE	SAMPLE DATE	SP mg/L	DS mg/L	SS mg/L	Al mg/L	Cl mg/L	Cr mg/L	Cu mg/L	Fe mg/L
FMC-1	C	05/18	0.002	32	23	<0.004	0.002	<0.004	0.003	0.89
FMC-S1	C	05/18	0.001	101	0	<0.004	0.035	<0.004	0.440	0.05
FMC-S2	C	05/18				<0.004	0.053	<0.004	0.023	
FMC-3	C	05/18	0.002	34	12	<0.004	0.001	<0.004	<0.002	0.65

STATION	SAMP TYPE	SAMPLE DATE	Pb mg/L	Ni mg/L	Zn mg/L
FMC-1	C	05/18	<0.006	<0.004	0.99
FMC-S1	C	05/18	<0.006	<0.004	1.90
FMC-S2	C	05/18	<0.006	0.006	4.20
FMC-3	C	05/18	<0.006	<0.004	0.11

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :S. Survey
WATERBODY:Four Mile Creek
LAT/LONG : 46207920

DISTRICT:Nipissing
TOWNSHIP:Widdifield
DATE :19790619

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
FMC-1	C	06/19	6.2	1.40	7.35	12.5	6.8	2.4	0.046	0.50
FMC-S-1	C	06/19	6.4	1.45	8.50	13.0	6.6	2.2	0.034	0.49
FMC-S-2	C	06/19								
FMC-3	C	06/19	6.6	1.50	8.55	13.5	6.4	2.2	0.032	0.44

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
FMC-1	C	06/19	0.005	0.420	0.029	14	92	30	21	7.09
FMC-S-1	C	06/19	0.005	0.430	0.026	14	92	34	22	7.12
FMC-S-2	C	06/19								
FMC-3	C	06/19	0.005	0.410	0.020	13	83	35	23	7.04

STATION	SAMP TYPE	SAMPLE DATE	SP mg/L	Al mg/L	Cd mg/L	Cr mg/L	Cu mg/L	Fe mg/L	Pb mg/L	Ni mg/L
FMC-1	C	06/19	0.002	0.13	<0.005	0.06	<0.01	1.00	<0.04	<0.02
FMC-S-1	C	06/19	0.002	0.81	0.300	<0.02	1.50	1.00	<0.03	<0.02
FMC-S-2	C	06/19		1.10	0.800	<0.02	1.60		<0.03	<0.02
FMC-3	C	06/19	0.002	0.17	<0.005	0.04	<0.01	0.99	0.04	<0.02

STATION	SAMP TYPE	SAMPLE DATE	Zn mg/L
FMC-1	C	06/19	<0.01
FMC-S-1	C	06/19	39.00
FMC-S-2	C	06/19	121.00
FMC-3	C	06/19	0.30

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :S. Survey
WATERBODY:Four Mile Creek
LAT/LONG : 46207920

DISTRICT:Nioissing
TOWNSHIP:Widdifield
DATE :19790620

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
FMC-1	C	06/20			3.55	13.0	5.1	2.3	0.053	0.43

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
FMC-1	C	06/20	0.006	0.474	0.015	15	32	35	23	5.93

STATION	SAMP TYPE	SAMPLE DATE	SP mg/L	Fe mg/L
FMC-1	C	06/20	0.003	0.95

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :S. Survey
WATERBODY:Four Mile Creek
LAT/LONG : 46207920

DISTRICT:Nipissing
TOWNSHIP:Widdifield
DATE :19790329

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
FMC-1	C	08/29	6.6	1.45	5.40	13.0	8.0	2.2	0.031	0.43
FMC-S1	C	08/29								
FMC-S2	C	03/29								
FMC-3	C	08/29	6.6	1.45	6.45	14.0	7.7	2.0	0.016	0.50

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
FMC-1	C	08/29	0.006	0.309	0.033	14		75	22	
FMC-S1	C	03/29								
FMC-S2	C	08/29								
FMC-3	C	03/29	0.005	0.235	0.041	13		73	22	

STATION	SAMP TYPE	SAMPLE DATE	SP mg/L	Al mg/L	Cd mg/L	Cr mg/L	Cu mg/L	Fe mg/L	Pb mg/L	Ni mg/L
FMC-1	C	03/29	0.002	0.12	<0.0005	<0.002	<0.001	1.1	<0.003	<0.002
FMC-S1	C	03/29		0.10	0.020	<0.002	<0.001		<0.003	0.010
FMC-S2	C	08/29		0.12	0.005	<0.002	0.030		<0.003	<0.002
FMC-3	C	08/29	0.001	0.02	<0.0005	<0.002	<0.001	1.0	<0.003	<0.002

STATION	SAMP TYPE	SAMPLE DATE	Zn mg/L
FMC-1	C	03/29	<0.001
FMC-S1	C	03/29	34.000
FMC-S2	C	08/29	1.800
FMC-3	C	08/29	0.130

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :S. Survey
WATERBODY:Four Mile Creek
LAT/LONG : 46207920

DISTRICT:Mississauga
TOWNSHIP:Widdifield
DATE : 19790925

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
FMC-1	C	09/26	5.6	1.15	5.75	11.5	6.1	2.8	0.024	0.33
FMC-S1	C	09/26	3.6	1.45	25.50	19.5	4.9	5.4	0.052	0.25
FMC-3	C	09/26	6.0	1.25	5.40	13.0	6.1	2.4	0.017	0.30

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
FMC-1	C	09/26	0.004	0.333	0.019	10		73	13	
FMC-S1	C	09/26	0.004	0.036	0.013	20		173	27	
FMC-3	C	09/26	0.004	0.316	0.016	10		77	20	

STATION	SAMP TYPE	SAMPLE DATE	SP mg/L	Al mg/L	Cd mg/L	Cr mg/L	Cu mg/L	Fe mg/L	Pb mg/L	Ni mg/L
FMC-1	C	09/26	0.001	0.15	<0.005	<0.02	<0.01	0.67	<0.03	<0.02
FMC-S1	C	09/26	0.001	0.20	<0.005	<0.02	0.04	1.30	<0.03	<0.02
FMC-3	C	09/26	0.001	0.12	<0.005	<0.02	<0.01	0.64	<0.03	<0.02

STATION	SAMP TYPE	SAMPLE DATE	Zn mg/L
FMC-1	C	09/26	<0.01
FMC-S1	C	09/26	3.00
FMC-3	C	09/26	0.17

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :S. Survey
WATERBODY:Four Mile Creek
LAT/LONG : 46207920

DISTRICT:Nipissing
TOWNSHIP:Widdifield
DATE : 19791026

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
FMC-1	C	10/26	4.3	1.10		12.0	3.2	1.6	0.013	0.35
FMC-S1	C	10/26	3.0	1.55		21.5	3.5	2.3	0.007	0.12
FMC-S2	C	10/26	32.0	3.50		139.0	3.3	<0.2	0.090	0.27
FMC-3	C	10/26	5.4	1.20		12.0	3.0	1.6	0.016	0.30

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
FMC-1	C	10/26	0.004	0.252	0.016			57	17	5.36
FMC-S1	C	10/26	0.002	0.012	0.002			32	26	5.75
FMC-S2	C	10/26	0.001	1.550	0.007			370	94	4.41
FMC-3	C	10/26	0.004	0.242	0.016			63	13	5.91

STATION	SAMP TYPE	SAMPLE DATE	SP mg/L	Al mg/L	Cd mg/L	Cr mg/L	Cu mg/L	Fe mg/L	Pb mg/L	Ni mg/L
FMC-1	C	10/26	0.001	0.13	<0.001	<0.004	<0.002	0.46	<0.006	<0.004
FMC-S1	C	10/26	0.001	0.06	0.013	<0.004	0.040	0.13	<0.006	<0.004
FMC-S2	C	10/26	0.007	0.13	0.023	<0.004	<0.002	0.93	<0.006	<0.004
FMC-3	C	10/26	0.001	0.17	<0.001	<0.004	<0.002	0.46	<0.006	<0.004

STATION	SAMP TYPE	SAMPLE DATE	Zn mg/L
FMC-1	C	10/26	0.007
FMC-S1	C	10/26	3.200
FMC-S2	C	10/26	42.000
FMC-3	C	10/26	0.110

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PFOGFAM :S. Survey
WATERBODY:James Lake
LAT/LONG : 47117945

DISTRICT:Timiskaming
TOWNSHIP:Gillies Limit
DATE :19790925

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
JL-1	C	09/25	12.4	2.10	10.3	41.5				
JL-2	C	09/25	14.0	2.55	15.5	34.5				

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH(F) units
JL-1	C	09/25				0		156	40	4.15
JL-2	C	09/25				13		162	45	6.40

STATION	SAMP TYPE	SAMPLE DATE	pH(L) units	Al mg/L	Cd mg/L	Cr mg/L	Cu mg/L	Pb mg/L	Ni mg/L	Fe mg/L
JL-1	C	09/25	4.29	0.240	<0.001	<0.004	0.008	<0.006	<0.004	1.60
JL-2	C	09/25	6.73	0.055	<0.001	<0.004	<0.002	<0.006	<0.004	0.46

STATION	SAMP TYPE	SAMPLE DATE	Zn mg/L
JL-1	C	09/25	0.023
JL-2	C	09/25	0.010

SECTION 8:

SPRING PHOSPHORUS PROGRAM

SECTION 8: SPRING PHOSPHORUS PROGRAM

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ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY: Achigan
LAT/LONG : 49558412

DISTRICT: Algoma
TOWNSHIP: Marne
DATE : 19790523

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
A-2	C	05/24	3.0	0.50	0.40	7.5	3.2	0.6	0.013	0.19
A-3	C	05/24	3.0	0.50	0.50	7.0	3.2	0.6	0.003	0.20

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
A-2	C	05/24	0.002	0.413	0.004	6	15	30	10	6.45
A-3	C	05/24	0.002	0.413	0.005	5	13	30	10	6.47

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Angel
LAT/LONG : 49098445

DISTRICT: Algoma
TOWNSHIP: Larkin
DATE : 19790523

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
AL-1	C	05/23							3.6	12

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
AL-1	C	05/23	0.02	<0.1	2.2					7.5

STATION	SAMP TYPE	SAMPLE DATE	SP mg/L	SS mg/L
AL-1	C	05/23	1.5	40

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Awere
LAT/LONG :46398417

DISTRICT:Algoma
TOWNSHIP:Awere
DATE :19790523

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
A-1	C	05/23	4.8	0.30	5.50				0.013	0.23
A-4	C	05/23	5.2	0.30	5.35				0.012	0.24

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
A-1	C	05/23	0.002	0.193		10	31	55	15	7.76
A-4	C	05/23	0.002	0.193		10	30	55	16	6.85

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Deil
LAT/LONG : 46478357

DISTRICT: Algoma
TOWNSHIP: Whitman
DATE : 19790510

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
D-1	C	05/10	4.0	0.75	0.40	7.0	3.2	1.4	0.012	0.19
D-3	C	05/10	4.2	0.75	0.35	7.5	3.4	1.6	0.009	0.17

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
D-1	C	05/10	0.001	0.124		3	7	36	13	6.79
D-3	C	05/10	0.001	0.129		3	8	37	14	6.75

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Depot
LAT/LONG : 46208235

DISTRICT: Algona
TOWNSHIP: Esten
DATE : 19790523

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	POC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
D-1	C	05/23	12.8	2.45	7.0	33.5	3.6	1.2	0.029	0.29
D-3	C	05/23	12.2	2.25	7.0	33.0	3.7	1.2	0.022	0.23

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
D-1	C	05/23	0.003	0.242	0.017	3	20	129	42	5.37
D-3	C	05/23	0.003	0.223	0.015	3	20	123	40	5.77

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Elliot
LAT/LONG : 46238242

DISTRICT: Algoma
TOWNSHIP: 149
DATE : 19790522

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TCC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
EL-1	C	05/22	3.4	1.55	14.00	27.5	2.3	0.4	0.091	0.30
EL-3	C	05/22	7.6	1.40	11.00	24.0	2.8	0.4	0.060	0.27
EL-5	C	05/22	7.4	1.35	10.50	23.0	2.3	0.4	0.050	0.23
EL-7	C	05.22	7.4	1.35	10.15	22.0	2.8	0.6	0.050	0.25

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
EL-1	C	05/22	0.004	0.256	0.012	4	14	127	27	5.32
EL-3	C	05/22	0.004	0.261	0.009	4	13	107	25	5.16
EL-5	C	05/22	0.004	0.251	0.010	7	15	102	24	5.24
EL-7	C	05.22	0.004	0.251	0.009	7	15	99	24	5.27

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Esten
LAT/LONG : 46228240

DISTRICT:Algoma
TOWNSHIP:Esten
DATE : 19790523

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
EL-1	C	05/23	15.2	2.75	3.55	40.5	3.3	1.2	0.072	0.39
EL-2	C	05/23	15.6	2.80	3.30	43.0	3.9	1.4	0.093	0.52
EL-3	C	05/23	17.6	3.15	9.05	43.5	3.9	1.3	0.094	0.46
EL-4	C	05/23	20.4	3.50	9.50	50.0	3.3	1.4	0.192	0.54
EL-5	C	05/23	31.0	4.80	10.50	33.0	3.7	1.4	0.195	0.53
EL-6	C	05/23	43.0	7.50	12.50	143.0	3.5	1.2	0.052	0.33

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
EL-1	C	05/23	0.006	0.354	0.043	9	24	155	49	5.34
EL-2	C	05/23	0.007	0.353	0.072	9	24	160	50	5.31
EL-3	C	05/23	0.010	0.375	0.075	9	19	175	57	5.37
EL-4	C	05/23	0.012	0.493	0.043	9	19	195	55	5.79
EL-5	C	05/23	0.014	0.761	0.029	3	21	255	97	5.75
EL-6	C	05/23	0.023	1.180	0.016	3	21	375	151	5.77

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:McMahon
LAT/LONG : 46 328 348

DISTRICT:Algoma
TOWNSHIP:McMahon
DATE :19790522

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TCC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
M-2	C	05/22	6.2	1.05	0.4		2.6	2.3	0.003	0.25
M-3	C	05/22	6.0	1.00	0.4		2.4	2.3	0.005	0.24

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
M-2	C	05/22	0.002	0.043		14	7	46	20	5.91
M-3	C	05/22	0.002	0.043		13	7	46	19	7.03

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PPOGPAM :Spring P.
WATERBODY:Northland
LAT/LONG : 46423407

DISTRICT:Algoma
TOWNSHIP:Deroche
DATE :19790513

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
N-1	C	05/13	3.4	0.50	0.50	7.0	4.4	0.4	0.013	0.20
N-3	C	05/13	3.2	0.50	0.50	6.5	4.1	0.3	0.013	0.20

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
N-1	C	05/13	0.002	0.253		5	22	29	11	6.43
N-3	C	05/13	0.002	0.253		5	23	30	10	5.50

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PPOGRAM :Spring P.
WATERBODY:Patten
LAT/LONG : 46328 346

DISTRICT:Algoma
TOWNSHIP:McMahon
DATE :19790522

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
P-2	C	05/22	5.6	1.00	0.40		3.9	2.4	0.009	0.20
P-4	C	05/22	5.6	1.00	0.40		4.0	2.2	0.007	0.23

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
P-2	C	05/22	0.002	0.138		11	15	45	13	5.72
P-4	C	05/22	0.002	0.133		11	15	45	13	5.74

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Ranger
LAT/LONG : 46548334

DISTRICT: Algoma
TOWNSHIP: 46
DATE : 19790529

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
R-1	C	05/29	4.6	0.95	0.45	3.5	3.0	2.4	0.004	0.17
R-3	C	05/29	4.8	1.00	0.35	3.5	2.9	2.4	0.005	0.15
R-5	C	05/29	4.4	1.00	0.40	3.0	3.2	2.0	0.004	0.15
R-6	C	05/29	4.2	1.00	0.35	3.5	3.3	1.9	0.010	0.15

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
R-1	C	05/29	0.002	0.113		9	10	40	15	5.31
R-3	C	05/29	0.002	0.103		10	7	41	15	5.91
R-5	C	05/29	0.002	0.103		9	9	40	15	5.83
R-6	C	05/29	0.002	0.103		9	12	40	15	5.79

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Saymo
LAT/LONG : 46598331

DISTRICT: Algoma
TOWNSHIP: 46
DATE : 19790523

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
S-1	C	05/23	4.2	0.90		3.5	E	E	0.007	0.17
S-3	C	05/23	4.2	0.90		3.0	E	E	0.005	0.16

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
S-1	C	05/23	0.001	0.094			15	33		7.14
S-3	C	05/23	0.002	0.103			16	33		6.80

ANNUAL SUMMARY - I. B. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Slioper
LAT/LONG : 46223241

DISTRICT: Algoma
TOWNSHIP: 149
DATE : 19790523

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
SL-2	C	05/23	10.2	2.00	17.0	12.5	5.5	4.0	0.003	0.31
SL-4	C	05/23	10.2	2.00	17.0	12.0	5.5	4.0	0.007	0.26

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
SL-2	C	05/23	0.004	0.631	0.012	20	23	132	34	7.15
SL-4	C	05/23	0.004	0.641	0.013	20	24	132	34	7.20

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Upper Island
LAT/LONG : 46408415

DISTRICT:Algoma
TOWNSHIP:Aweres
DATE : 19790523

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
U-1	C	05/23	4.2	0.75	3.95		3.4	1.4	0.010	0.21
U-3	C	05/23	4.0	0.80	3.90		3.6	1.2	0.010	0.25

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	ALk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
U-1	C	05/23	0.003	0.197		3	21	13	14	7.07
U-3	C	05/23	0.002	0.203		3	19	17	13	6.79

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Wart
LAT/LONG : 47108408

DISTRICT:Algoma
TOWNSHIP:25-XIV
DATE : 19790524

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
W-2	C	05/24	3.3	0.45	0.50	7.5	6.4	1.0	0.012	0.23
W-4	C	05/24	3.3	0.50	0.45	7.5	6.4	0.3	0.012	0.32

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
W-2	C	05/24	0.002	0.243	0.005	3	43	31	11	5.37
W-4	C	05/24	0.002	0.243	0.006	7	33	31	12	5.43

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Bigwater
LAT/LONG :48378118

DISTRICT:Cochrane
TOWNSHIP:Murphy
DATE :19790604

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
BW-2	C	06/04	15.6	2.90	4.75	6.5	11.3	11.2	0.020	0.44
BW-3	C	06/04	16.0	2.95	4.75	5.0	10.9	11.2	0.020	0.49

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
BW-2	C	06/04	0.004	0.006	0.019	49	52	113	51	7.27
BW-3	C	06/04	0.003	0.002	0.034	49	52	113	52	7.48

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PFOCPAM :Spring P.
WATERBODY:Boos
LAT/LONG : 48308109

DISTRICT:Cochrane
TOWNSHIP:Whitney
DATE :19790525

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
B-1	C	05/	29.0	6.0	25.5	3.0	9.6	21.4	0.050	0.53
B-3	C	05/	29.0	6.0	25.5	3.0	9.5	21.2	0.053	0.51

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
B-1	C	05/	0.002	0.003	0.023	39	37	270	97	7.72
B-3	C	05/	0.002	0.003	0.017	39	37	270	97	7.74

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROCFAN : Spring P.
WATERBODY: Commando
LAT/LONG : 49048101

DISTRICT: Cochrane
TOWNSHIP: Glackmeyer
DATE : 19790511

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
C-1	C	06/11	25.0	3.25	79	7.0				
C-2	C	06/11					3.1	21.4	0.072	0.33
C-3	C	06/11	37.0	3.55	76	7.0				
C-4	C	06/11					3.1	21.4	0.056	0.29

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
C-1	C	06/11				39			75	7.33
C-2	C	06/11	0.001	0.004	0.019		10	440		
C-3	C	06/11				92			107	7.81
C-4	C	06/11	0.001	0.004	0.013		7	445		

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

FFCCFAM :Spring P.
WATERBODY:Lillabelle
LAT/LONG : 49068102

DISTRICT:Cochrane
TOWNSHIP:Glackmeyer
DATE :19790611

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
L-1	C	06/11	40	3.0	9.70	9.5				
L-2	C	06/11					10.4	27.8	0.143	0.73
L-3	C	06/11	38	7.5	9.05	3.5				
L-4	C	06/11					3.7	27.4	0.212	0.75

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
L-1	C	06/11				113			133	7.64
L-2	C	06/11	0.074	0.086	0.134		61	270		
L-3	C	06/11				115			126	8.06
L-4	C	06/11	0.014	0.011	0.136		54	260		

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Munroe
LAT/LONG : 47348012

DISTRICT:Cochrane
TOWNSHIP:Munroe
DATE :19790525

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
MNO-7	C	05/25	8.0	1.55	0.15	4.0	2.8	5.6	0.117	0.30
MNO-8	C	05/25	8.3	1.65	0.15	3.5	3.9	6.8	0.174	0.35

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
MNO-7	C	05/25	0.003	0.087	0.012	26	9	59	26	7.43
MNO-8	C	05/25	0.002	0.083	0.012	29	7	67	29	7.11

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Nellie
LAT/LONG : 48438048

DISTRICT:Cochrane
TOWNSHIP:Calvert
DATE :19790611

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
N-1	C	06/11	3.2	1.40	0.55	5.5				
N-2	C	06/11					4.9	4.8	0.032	0.26
N-3	C	06/11	7.8	1.40	0.45	4.5				
N-4	C	06/11					5.0	4.6	0.043	0.25

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
N-1	C	06/11				24			25	7.59
N-2	C	06/11	0.001	0.004	0.003		21	57		
N-3	C	06/11				23			25	7.45
N-4	C	06/11	0.001	0.004	0.001		19	57		

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Perry
LAT/LONG : 48328006

DISTRICT: Cochrane
TOWNSHIP: Michanel
DATE : 19790525

STATION	SAMP TYPE	SAMPLE DATE	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
PRY-4	C	05/25	19.2	3.45	0.70	5.5	1.0	14.8	0.020	0.15

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
PRY-4	C	05/25	0.002	0.003	0.022	63	5	134	62	7.93

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Porcupine
LAT/LONG : 48298111

DISTRICT: Cochrane
TOWNSHIP: Whitney
DATE : 19790618

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TCC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
P-2	C	06/18	65	15.5	20.0	153	3.3	20.2	0.338	1.07
P-3	C	06/18	63	16.0	20.5	160	3.4	20.2	0.420	1.37
P-7	C	06/18	66	16.0	20.5	153	3.5	20.2	0.330	1.35
P-8	C	06/18	63	16.0	20.5	155	3.5	20.2	0.354	1.30

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
P-2	C	06/18	0.055	0.370	0.049	34	64	550	225	7.00
P-3	C	06/18	0.056	0.432	0.050	37	63	560	235	3.01
P-7	C	06/18	0.053	0.424	0.053	36	64	550	231	7.63
P-8	C	06/18	0.049		0.050	37	63	550	235	7.93

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Remi
LAT/LONG : 49258208

DISTRICT: Cocaine
TOWNSHIP: Fanguier
DATE : 19790606

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
R-1	C	06/06	22.2	4.25	1.33	6.0				
R-2	C	06/06					3.8	15.2	0.046	0.40
R-3	C	06/06	22.4	4.10	1.35	6.0				
R-4	C	06/06					3.8	17.0	0.037	0.42
P-5	C	06/06	15.0	4.45	1.95	6.0				
P-6	C	06/06					3.7	13.0	0.033	0.40

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
R-1	C	06/06				71			73	7.43
P-2	C	06/06	0.001	0.004	0.010		42	143		
P-3	C	06/06				73			73	7.71
P-4	C	06/06	0.001	0.004	0.010		43	155		
R-5	C	06/06				77			55	7.42
R-6	C	06/06	0.001	0.004	0.010		36	155		

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Shallow
LAT/LONG : 49398317

DISTRICT: Cocchrane
TOWNSHIP: Elber
DATE : 19790613

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	PKV mg/L
SH-1	C	06/13	29	4.35	1.65	3.0				
SH-2	C	06/13	29	4.40	1.65		6.1	22.2		
SH-3	C	06/13	30	4.35	1.65	3.0				
SH-4	C	06/13	30	4.40	1.65		6.1	22.4		

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	ALk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
SH-1	C	06/13				92		135	90	7.93
SH-2	C	06/13			0.667	92	13	135	91	3.04
SH-3	C	06/13				92		135	93	7.91
SH-4	C	06/13			0.037	92	17	135	93	3.03

STATION	SAMP TYPE	SAMPLE DATE	Fe mg/L
SH-1	C	06/13	
SH-2	C	06/13	0.4
SH-3	C	06/13	
SH-4	C	06/13	0.4

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Kagawong
LAT/LONG : 45498218

DISTRICT:Manitoulin
TOWNSHIP:Allan
DATE :19790517

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
KL-1	C	05/17	36.0	14.2	3.90	24.5	3.8	30.0	0.013	0.30
KL-4	C	05/17	35.0	13.8	3.35	24.5	4.0	29.0	0.016	0.29
KL-5	C	05/17	36.0	14.1	3.90	26.0	4.0	29.8	0.015	0.30
KL-6	C	05/17	35.0	13.7	3.90	26.0	4.4	30.0	0.014	0.28

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
KL-1	C	05/17	0.002	0.013	0.014	122	1	294	143	8.20
KL-4	C	05/17	0.001	0.004	0.009	119	1	235	141	8.25
KL-5	C	05/17	0.002	0.013	0.007	122	1	295	143	8.18
KL-6	C	05/17	0.002	0.013	0.003	123	1	295	144	8.20

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Manitou
LAT/LONG : 45703200

DISTRICT:Manitoulin
TOWNSHIP:Sandfield
DATE : 19790516

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	DOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
ML-1	C	05/16	33.0	12.1	3.25	22.0	3.5	23.4	0.012	0.30
ML-2	C	05/16	33.0	12.5	3.25	22.0	4.3	23.4	0.005	0.23
ML-3	C	05/16	32.0	12.4	3.25	22.0	3.2		0.010	0.25
ML-4	C	05/16	33.0	11.2	3.25	21.5	3.1	23.0	0.013	0.23
ML-5	C	05/16	33.0	11.3	3.30	21.5	3.0	23.0	0.012	0.25

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
ML-1	C	05/16	0.001	0.004	0.009	114	5	272	132	3.15
ML-2	C	05/16	0.001	0.004	0.003	114	3	272	134	3.10
ML-3	C	05/16	0.001	0.004	0.009	114	5	270	131	7.50
ML-4	C	05/16	0.001	0.004	0.007	114	5	270	129	7.71
ML-5	C	05/16	0.001	0.004	0.012	114	3	272	131	7.72

STATION	SAMP TYPE	SAMPLE DATE	Na mg/L	K mg/L	SP mg/L	Fe mg/L
ML-1	C	05/16	0.3	0.90	<0.001	0.01
ML-2	C	05/16	0.9	0.90	0.001	0.02
ML-3	C	05/16	0.3	0.85	<0.001	0.06
ML-4	C	05/16	0.9	0.30	<0.001	0.01
ML-5	C	05/16	0.8	0.80	<0.001	0.03

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PPOCRAM :Spring P.
WATERBODY:Cache
LAT/LONG :46278006

DISTRICT:Nioissing
TOWNSHIP:Badgerow
DATE :19790514

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
C-1	C	05/14	7.0	1.90	1.40	5.0	7.3	4.0	0.025	0.41
C-2	C	05/14	7.0	1.95	1.35	4.5	7.3	4.0	0.024	0.39

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
C-1	C	05/14	0.003	0.072	0.013	19	54	62	25	6.95
C-2	C	05/14	0.003	0.072	0.013	19	56	60	26	6.91

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Deer
LAT/LONG :46288012

DISTRICT:Nipissing
TOWNSHIP:Hugel
DATE :19790514

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
D-2	C	05/14	6.2	1.90	1.00	4.5	3.3	3.6	0.029	0.46
D-4	C	05/14	6.0	1.90	1.00	4.5	3.0	3.4	0.023	0.45

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
D-2	C	05/14	0.004	0.111	0.020	16	53	53	23	6.87
D-4	C	05/14	0.003	0.102	0.019	16	62	57	23	6.86

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Four Mile Lake
LAT/LONG :46227923

DISTRICT:Nipissing
TOWNSHIP:Widdifield
DATE :19790524

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
FM-2	C	05/24	3.2	0.65	3.30	9.5	4.9	0.8	0.035	0.29
FM-4	C	05/24	3.2	0.65	3.45	10.0	4.6	0.6	0.031	0.26

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/c	Hard mg/L	pH units
FM-2	C	05/24	0.003	0.112	0.012	5	35	41	11	6.25
FM-4	C	05/24	0.003	0.112	0.010	5	30	43	11	6.39

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROCPAM : Spring P.
WATERBODY: Nissbousing
LAT/LONG : 46127913

DISTRICT: Nipissing
TOWNSHIP: East Ferris
DATE : 19790524

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
N-1	C	05/24	6.0	1.70	1.90	9.5	5.1	3.4	0.060	0.46
N-2	C	05/24	5.8	1.65	2.20	9.0	4.6	3.6	0.093	0.47
N-4	C	05/24	5.8	1.55	1.45	9.0	4.4	3.6	0.043	0.36
N-6	C	05/24	5.8	1.55	1.40	9.0	4.5	3.8	0.056	0.34

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	ph units
N-1	C	05/24	0.002	0.003	0.022	16	23	66	22	6.95
N-2	C	05/24	0.002	0.013	0.019	16	25	64	21	6.90
N-4	C	05/24	0.001	0.004	0.016	16	21	57	21	7.04
N-6	C	05/24	0.001	0.014	0.017	17	25	57	21	6.90

ANNUAL SOI ACT-H.E. REGION
WATER QUALITY REPORT

PROJECT: Spring P.
LAT/LONG: 45317955
LAT/LONG: 45317955

DISTRICT: Perry County
FOLLOWUP: 12/11/01
DATE: 12/11/01

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	DOC mg/L	FIC mg/L	NO3 mg/L	TKN mg/L
A-1		05/0	4.3	1.50	13.0	7.5	7.4	2.0	.027	.52
A-3	2	05/01	4.3	1.55	13.0	7.0	7.4	2.0	.026	.52

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	PP mg/L	NH4 mg/L	Col Uz	Cond umho/cm	Hard mg/L	ph units
A-1		05/0	.003	.017	.015	12	55	34	13	5.33
A-3	2	05/01	.003	.027	.017	11	52	33	13	5.97

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Beatty
LAT/LONG : 46027932

DISTRICT:Parry Sound
TOWNSHIP:Nipissing
DATE : 19790508

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
B-1	C	05/08	4.2	0.9	1.0	9.5	5.5	1.4	0.025	0.29
B-2	C	05/08	4.0	0.9	1.0	9.5	5.5	1.0	0.025	0.30

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
B-1	C	05/03	0.002	0.103	0.007	8	31	41	14	5.49
B-2	C	05/08	0.002	0.103	0.007	3	29	41	14	6.51

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Buck
LAT/LONG :45257923

DISTRICT:Parry Sound
TOWNSHIP:McMurrich
DATE :19790509

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
BL-1	C	05/09	3.4	0.65	0.60	10.0	6.5	0.8	0.014	0.40
BL-3	C	05/09	3.0	0.60	0.70	9.5	7.3	0.6	0.012	0.34

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
BL-1	C	05/09	0.004	0.231	0.038	5	59	34	11	6.14
BL-3	C	05/09	0.005	0.270	0.017	4	69	32	10	6.16

ANNUAL SUMMARY-T.L. RESID
WATER QUALITY REPORT

RECEIVED: Spring P.
WATERBODY: Clear
LAT/LONG : 45317916

DISTRICT: Perry Sound
POUNDRY: Perry
DATE : 19790503

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	DOC mg/L	PIC mg/L	PH3 mg/L	TKM mg/L
C-1	C	05/03	2.3	0.55	1.0	3.7	1.4	0.6	0.007	0.25
C-3	C	05/03	3.0	0.55	0.95	7.5	1.3	0.6	0.009	0.17

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	PP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
C-1	C	05/08	0.001	0.164	0.003	5	7	33	10	6.55
C-3	C	05/08	0.001	0.164	0.004	5	5	33	10	6.39

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Deep Bay
LAT/LONG :45248012

DISTRICT:Parry Sound
TOWNSHIP:Carling
DATE :19790509

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TCC mg/L	FIC mg/L	NH3 mg/L	TKN mg/L
DB-1	C	05/09	7.4	1.75	3.35	9.5	5.4	4.0	0.010	0.34
DB-3	C	05/09	9.0	2.05	2.45	10.0	4.9	5.4	0.018	0.33
DB-4	C	05/09	9.0	2.05	2.45	10.0	5.2	5.4	0.020	0.33
DB-6	C	05/09	3.6	2.00	2.35	10.0	5.9	5.0	0.013	0.34

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
DB-1	C	05/09	0.002	0.133	0.015	13	34	74	25	5.32
DB-3	C	05/09	0.002	0.213	0.012	27	23	30	31	5.33
DB-4	C	05/09	0.002	0.233	0.012	23	30	31	31	5.94
DB-6	C	05/09	0.002	0.203	0.012	22	35	73	30	5.93

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Deer
LAT/LONG : 45357917

DISTRICT:Parry Sound
TOWNSHIP:Armour
DATE : 19790503

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TCC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
DL-1	C	05/08	3.2	0.55	0.45	9.5	4.7	0.3	0.027	0.23
DL-3	C	05/08	3.2	0.55	0.50	9.5	4.5	0.4	0.025	0.26

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
DL-1	C	05/08	0.003	0.152	0.014	5	31	33	10	6.24
DL-3	C	05/08	0.003	0.177	0.012	4	31	32	10	6.45

ANNUAL SUMMARY-F.W. REGION
WATER QUALITY REPORT

PROJECT : Spring P.
WATERBODY: Haines
LAT/LONG : 44217955

DISTRICT: Parry Sound
POLISHIP: Policy
DATE : 19/05/03

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	DOC mg/L	PIC mg/L	TDS mg/L	FSI mg/L
HL-2	C	05/03	3.6	0.60	3.25	3.3	2.5	1.0	0.025	0.45
HL-4	C	05/03	3.6	0.35	1.0	3.1	2.5	1.2	0.022	0.20

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
HL-2	C	05/03	0.003	0.237	0.005	5	22	11	12	5.13
HL-4	C	05/03	0.002	0.233	0.007	5	22	11	12	5.19

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Hassard
LAT/LONG :45347913

DISTRICT:Parry Sound
TOWNSHIP:Bethune
DATE :19790508

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
H-1	C	05/08	3.2	0.85	0.55	9.0	4.0	0.8	0.007	0.23
H-	C	05/08	3.2	0.80	0.50	9.5	3.8	0.8	0.009	0.21

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
H-1	C	05/08	0.002	0.233	0.005	5	25	36	11	6.22
H-	C	05/08	0.002	0.253	0.004	6	22	35	11	6.26

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Healey
LAT/LONG : 45107955

DISTRICT: Parry Sound
TOWNSHIP: Conger
DATE : 19790509

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
He-1	C	05/09	2.4	0.50	0.70	7.0	4.9	0.8	0.034	0.29
He-3	C	05/09	2.4	0.50	0.90	3.5	8.4	0.8	0.022	0.40
He-4	C	05/09	2.4	0.55	0.55	6.0	3.9	0.8	0.021	0.35
He-6	C	05/09	2.4	0.50	0.70	7.0	5.1	0.8	0.030	0.25

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
He-1	C	05/09	0.002	0.133	0.009	5	31	31	3	6.63
He-3	C	05/09	0.004	0.141	0.015	5	74	30	3	6.31
He-4	C	05/09	0.002	0.133	0.012	6	16	27	3	6.01
He-6	C	05/09	0.002	0.193	0.005	5	29	29	3	5.92

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Horn
LAT/LONG : 45407930

DISTRICT:Parry Sound
TOWNSHIP:Chapman
DATE :19790509

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN. mg/L
HL-1	C	05/09	2.8	0.55	0.50	8.0	2.5	0.2	0.028	0.20
HL-2	C	05/09	2.8	0.50	0.55	8.5	2.5	0.6	0.022	0.21
HL-3	C	05/09	2.8	0.50	0.50	8.5	2.4	0.2	0.026	0.23
HL-4	C	05/09	2.8	0.55	0.55	8.5	2.2	0.2	0.026	0.22

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
HL-1	C	05/09	0.001	0.114	0.013	4	4	30	9	6.26
HL-2	C	05/09	0.002	0.113	0.023	4	4	30	9	6.45
HL-3	C	05/09	0.001	0.109	0.034	3	4	30	9	6.38
HL-4	C	05/09	0.001	0.104	0.010	3	4	29	9	5.75

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Kaoikog
LAT/LONG : 45097954

DISTRICT: Parry Sound
TOWNSHIP: Conger
DATE : 19790509

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
K-2	C	05/09	2.4	0.55	0.55	6.0	3.9	1.0	0.020	0.22
K-4	C	05/09	2.4	0.55	0.55	6.0	3.6	1.0	0.022	0.23

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
K-2	C	05/09	0.002	0.103	0.005	6	17	23	8	6.11
K-4	C	05/09	0.002	0.103	0.007	5	16	29	8	6.14

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Little Whitefish
LAT/LONG : 46177948

DISTRICT:Parry Sound
TOWNSHIP:Hamohrey
DATE :19790508

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
LW-1	C	05/08	3.4	0.55	4.35	7.0	2.2	0.8	0.026	0.22
LW-3	C	05/08	3.4	0.60	3.95	7.0	2.2	0.8	0.026	0.27

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
LW-1	C	05/08	0.002	0.163	0.005	5	11	47	11	6.23
LW-3	C	05/08	0.002	0.163	0.004	5	9	46	11	6.15

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Lorimer
LAT/LONG : 45327958

DISTRICT:Parry Sound
TOWNSHIP:Hagerman
DATE : 19790509

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
L-1	C	05/09	5.6	0.95	3.9	8.0	2.8	2.6	0.019	0.24
L-4	C	05/09	5.0	0.35	2.75	7.5	2.0	2.6	0.014	0.26

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
L-1	C	05/09	0.003	0.162	0.011	5	13	58	13	6.73
L-4	C	05/09	0.001	0.134	0.014	7	16	43	13	6.65

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PPOGRAM :Spring P.
WATERBODY:Manitouwabing
LAT/LONG : 45297954

DISTRICT:Parry Sound
TOWNSHIP:Mc Kellar
DATE :19790502

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
ML-1	C	05/02	5.0	1.00	4.15	8.0	4.6	2.2	0.044	0.34
ML-3	C	05/02	5.0	0.80	1.7	8.0	5.5	2.8	0.044	0.34
ML-4	C	05/02	5.0	0.75	1.2	7.5	5.7	2.4	0.028	0.32
ML-6	C	05/02	5.0	0.65	0.5	8.0	6.0	1.8	0.036	0.33

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
ML-1	C	05/02	0.002	0.183	0.012	9	37	53	17	6.74
ML-3	C	05/02	0.003	0.237	0.015	10	43	44	15	6.68
ML-4	C	05/02	0.002	0.173	0.015	9	43	40	16	6.84
ML-6	C	05/02	0.002	0.083	0.015	9	54	37	15	6.63

ANNUAL SUMMARY-N.E. REGION

WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Mirage
LAT/LONG :45287913

DISTRICT:Parry Sound
TOWNSHIP:Perry
DATE :19790509

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
M-1	C	05/09	3.4	0.75	0.35	10.5	7.7	0.8	0.054	0.40
M-2	C	05/09	3.4	0.75	0.35	10.0	7.7	1.4	0.013	0.39

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	ph units
M-1	C	05/09	0.005	0.100	0.015	7	72	33	12	6.41
M-2	C	05/09	0.004	0.101	0.017	5	63	35	12	6.26

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Morgan Bay
LAT/LONG :45147940

DISTRICT:Parry Sound
TOWNSHIP:Humphrey
DATE :19790507

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKi mg/L
MB-1	C	05/07	4.0	0.80	2.25	8.0	2.0	1.8	0.117	0.22
MB-3	C	05/07	4.2	0.75	2.25	8.0	2.0	1.0	0.020	0.23

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
MB-1	C	05/07	0.002	0.323	0.004	9	13	44	13	6.50
MB-3	C	05/07	0.002	0.323	0.004	6	11	54	14	6.51

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Otter Lake
LAT/LONG :45177958

DISTRICT:Parry Sound
TOWNSHIP:Foley
DATE :19790507

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
O-2	C	05/07	3.0	0.70	0.75	3.5	2.0	0.8	0.003	0.16
O-3	C	05/07	3.4	0.77	1.65	3.5	2.2	1.0	0.020	0.23
O-5	C	05/07	3.0	0.70	0.70	7.5	2.0	1.0	0.013	0.16
O-7	C	05/07	3.2	0.70	0.70	3.1	2.0	1.0	0.012	0.13

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
O-2	C	05/07	0.002	0.173	0.003	5	10	33	10	6.07
O-3	C	05/07	0.002	0.173	0.009	6	13	40	11	6.16
O-5	C	05/07	0.001	0.179	0.002	5	5	33	10	6.45
O-7	C	05/07	0.001	0.184	0.003	5	10	33	11	6.31

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Perbeth
LAT/LONG :45137912

DISTRICT:Parry Sound
TOWNSHIP:Bethune
DATE :19790508

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
P-1	C	05/03	3.1	0.70	0.5	8.5	3.3	0.8	0.017	0.24
P-2	C	05/03	3.4	0.75	0.5	8.5	3.7	1.0	0.033	0.29

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
P-1	C	05/08	0.002	0.153	0.003	6	26	33	11	6.41
P-2	C	05/08	0.002	0.163	0.010	6	27	35	12	6.55

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY: Purcell
LAT/LONG : 45177944

DISTRICT: Parry Sound
TOWNSHIP: Humphrey
DATE : 19790510

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
P-2	C	05/10	3.0	0.60	2.25	7.5	2.3	0.8	0.018	0.27
P-4	C	05/10	3.0	0.55	0.65	8.0	3.2	0.8	0.019	0.24

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
P-2	C	05/10	0.002	0.173	0.006	5	4	36	10	6.67
P-4	C	05/10	0.002	0.153	0.006	5	8	32	10	6.22

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Round
LAT/LONG : 45287924

DISTRICT:Parry Sound
TOWNSHIP:McMurrich
DATE :19790509

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
R-1	C	05/09	3.2	0.65	0.50	9.5	5.2	0.5	0.011	0.34
R-3	C	05/09	3.4	0.65	0.50	9.5	5.2	0.6	0.014	0.34

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
P-1	C	05/09	0.002	0.178	0.033	5	35	33	11	5.95
P-3	C	05/09	0.002	0.173	0.012	5	34	34	11	5.96

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Puth
LAT/LONG : 46017931

DISTRICT: Parry Sound
TOWNSHIP: Nipissing
DATE : 19790503

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
R-1	C	05/03	4.0	0.80	0.80	9.5	3.0	1.2	0.014	0.26
R-2	C	05/03	4.0	0.80	0.75	9.5	5.0	1.2	0.017	0.27

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
R-1	C	05/03	0.002	0.103	0.005	7	29	33	13	5.20
R-2	C	05/03	0.002	0.113	0.006	7	26	40	13	5.31

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Sucker
LAT/LONG :45157941

DISTRICT:Parry Sound
TOWNSHIP:Humphrey
DATE :19790508

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
S-2	C	05/10	2.8	0.65	0.70	8.0	3.4	0.8	0.016	0.23
S-4	C	05/10	2.3	0.65	0.70	3.5	3.4	0.3	0.017	0.25

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
S-2	C	05/10	0.003	0.282	0.005	5	16	32	10	6.43
S-4	C	05/10	0.003	0.232	0.006	5	14	32	10	6.54

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY: Sugar
LAT/LONG : 4522 7946

DISTRICT: Parry Sound
TOWNSHIP: Christie
DATE : 19790509

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
Su-1	C	05/09	2.4	0.50	0.60	6.5	2.3	0.4	0.012	0.25
Su-3	C	05/09	2.4	0.50	0.60	6.5	2.2	0.4	0.016	0.29

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
Su-1	C	05/09	0.001	0.189	0.013	11	12	26	8	6.52
Su-3	C	05/09	0.002	0.193	0.010	10	9	27	3	6.26

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Tiffin
LAT/LONG : 45147948

DISTRICT:Parry Sound
TOWNSHIP:Conger
DATE :19790502

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
TL-2	C	05/02	4.2	0.75	12.5	3.5	5.2	1.4	0.027	0.30
TL-4	C	05/02	4.4	0.75	12.5	3.0	5.3	1.3	0.022	0.25

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	PP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
TL-2	C	05/02	0.002	0.223	0.009	5	35	30	14	5.61
TL-4	C	05/02	0.002	0.223	0.009	6	39	73	14	5.45

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Turtle
LAT/LONG : 45197944

DISTRICT: Parry Sound
TOWNSHIP: Humphrey
DATE : 19790510

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
Tu-1	C	05/10	3.7	0.65	3.0	9.0	3.5	1.0	0.007	0.24
Tu-3	C	05/10	3.2	0.60	3.4	9.0	3.4	0.8	0.003	0.24

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
Tu-1	C	05/10	0.002	0.168	0.009	5	21	40	11	6.35
Tu-3	C	05/10	0.002	0.158	0.011	5	16	40	10	6.18

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Whalley
LAT/LONG : 45427940

DISTRICT: Parry Sound
TOWNSHIP: Croft
DATE : 19790503

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TCC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
WL-2	C	05/03	3.2	0.65	1.90	3.5	6.4	0.6	0.023	0.39
WL-4	C	05/08	3.4	0.75	2.75	3.5	6.4	0.8	0.032	0.43

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
WL-2	C	05/03	0.004	0.116	0.022	5	49	36	11	5.11
WL-4	C	05/03	0.004	0.151	0.027	5	47	40	12	5.13

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:whitefish
LAT/LONG : 45187947

DISTRICT:Parry Sound
TOWNSHIP:Humphrey
DATE : 19790503

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
WL-1	C	05/03	3.8	0.60	1.35	7.0	2.5	1.2	0.066	0.23
WL-3	C	05/08	3.2	0.52	1.45	7.0	2.5	0.8	0.013	0.26

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond unh/cm	Hard mg/L	pH units
WL-1	C	05/03	0.002	0.138	0.005	6	11	39	12	6.21
WL-3	C	05/08	0.002	0.193	0.006	5	14	35	10	6.02

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PPOGPAM :Spring P.
WATERBODY:Whitestone
LAT/LONG : 45397952

DISTRICT:Parry Sound
TOWNSHIP:Hagerman
DATE :19790508

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
WL-1	C	05/08	7.2	0.92	2.90	3.5	5.3	2.0	0.023	0.40
WL-4	C	05/08	5.2	0.85	3.55	3.0	5.8	2.0	0.022	0.36
WL-6	C	05/08	5.2	0.85	3.60	3.0	5.7	2.0	0.024	0.36
WL-8	C	05/08	5.4	0.85	4.20	3.5	5.8	2.0	0.032	0.33

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
WL-1	C	05/08	0.003	0.242	0.016	11	34	53	22	6.56
WL-4	C	05/08	0.003	0.202	0.014	10	39	52	16	6.48
WL-6	C	05/08	0.003	0.202	0.013	11	19	53	16	6.52
WL-8	C	05/08	0.004	0.191	0.015	10	40	54	17	6.47

ANNUAL SUMMARY-V.E. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Agnew
LAT/LONG : 46228145

DISTRICT: Sudbury
TOWNSHIP: Baldwin
DATE : 19790509

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
AG-1	C	05/09	4.4	1.00	0.95	10.5	5.5	1.0	0.010	0.24
AG-3	C	05/09	4.0	1.00	0.90	10.5	6.0	1.0	0.012	0.31
AG-5	C	05/09	4.2	1.00	0.90	10.5	5.9	1.0	0.010	0.22
AG-7	C	05/09	4.2	1.05	0.35	10.0	6.0	0.8	0.011	0.24
AG-9	C	05/09	4.6	1.05	1.00	10.5	6.9	1.0	0.017	0.24
AG-11	C	05/09	4.6	1.05	0.90	10.5	6.1	1.2	0.025	0.26

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
AG-1	C	05/09	0.003	0.037	0.012	5	42	40	15	6.64
AG-3	C	05/09	0.003	0.092	0.019	5	37	40	15	6.45
AG-5	C	05/09	0.003	0.037	0.010	7	37	40	15	6.46
AG-7	C	05/09	0.003	0.092	0.011	7	37	40	15	6.52
AG-9	C	05/09	0.003	0.092	0.013	7	37	43	16	6.43
AG-11	C	05/09	0.003	0.102	0.016	7	36	42	16	6.44

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Adsey
LAT/LONG : 46133197

DISTRICT: Sudbury
TOWNSHIP: Merritt
DATE : 19790508

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
AP-1	C	05/03	8.4	1.60	5.00	11.0	4.7	4.0	0.026	0.33
AP-4	C	05/08	8.0	1.55	5.90	10.5	4.6	4.0	0.022	0.33
AP-6	C	05/08	7.6	1.55	5.25	10.5	4.4	3.8	0.024	0.35

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
AP-1	C	05/03	0.003	0.032	0.014	10	17	84	23	6.75
AP-4	C	05/08	0.002	0.033	0.016	16	16	82	26	6.81
AP-6	C	05/08	0.002	0.063	0.017	19	13	78	25	6.83

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Bethel
LAT/LONG : 46288057

DISTRICT:Sudbury
TOWNSHIP:McKim
DATE : 19790514

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
B-1	C	05/14	18.2	5.30	33	5.0	5.0	10.0	0.006	0.63
B-2	C	05/14	18.6	5.05	30	5.0	5.4	10.4	0.006	0.60

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col haz	Cond umh/cm	Hard mg/L	pH units
B-1	C	05/14	0.001	0.004	0.363	45	29	416	67	7.91
B-2	C	05/14	0.001	0.004	0.363	46	31	422	67	3.12

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PFCCRAM : Spring P.
WATERBODY: Black
LAT/LONG : 46228110

DISTRICT: Sudbury
TOWNSHIP: Waters
DATE : 19790508

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
B-2	C	05/08	7.4	2.25	2.60	21.0	3.7	2.0	0.010	0.27
B-5	C	05/08	7.2	2.25	2.60	21.0	4.1	1.8	0.003	0.25

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
B-2	C	05/08	0.001	0.039	0.009	10	16	79	23	6.60
B-5	C	05/08	0.002	0.073	0.007	9	17	77	27	5.61

ANNUAL SUMMARY-M.E. REGION
WATER QUALITY REPORT

EFOCFAN : Spring P.
WATERBODY: French River
LAT/LONG : 46038033

DISTRICT: Sudbury
TOWNSHIP: Mason
DATE : 19790503

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
DPE-1	C	05/08	5.0	1.90	5.45	12.5	7.0	2.2	0.026	0.42
DPE-3	C	05/08	5.8	1.90	4.85	12.5	6.5	2.8	0.024	0.38
DPE-6	C	05/08	7.0	2.00	2.00	13.0	6.2	3.8	0.022	0.39
DPE-8	C	05/08	7.0	2.00	2.10	13.0	6.3	3.8	0.024	0.56

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
DPB-1	C	05/08	0.004	0.091	0.063	12	48	69	20	6.61
DPB-3	C	05/08	0.003	0.092	0.038	12	41	70	22	6.58
DPB-6	C	05/08	0.003	0.107	0.039	11	36	68	26	6.65
DPE-8	C	05/08	0.003	0.107	0.021	13	38	70	26	6.69

ANNUAL SUMMARY-N.F. REGION
WATER QUALITY REPORT

EFOCFAN :Spring P.
WATERBODY:Griffin
LAT/LONG :46146145

DISTRICT:Sudbury
TOWNSHIP:Herritt
DATE :19790503

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	PIC mg/L	NH3 mg/L	TKN mg/L
C-1	C	05/03	13.4	1.35	9.0	11.5	4.0	7.4	0.043	0.46
C-4	C	05/03	13.4	1.35	9.4	11.5	3.9	7.6	0.055	0.47

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
C-1	C	05/03	0.002	0.018	0.025	32	12	122	41	7.22
C-4	C	05/03	0.002	0.023	0.027	32	10	123	41	7.12

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY: Groundhog
LAT/LONG : 48128001

DISTRICT: Sudbury
TOWNSHIP: Keith
DATE : 19790520

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
G-1	C	05/20	8.6	1.70	0.55	3.0	10.0	4.4	0.001	0.36
G-2	C	05/20	9.0	1.80	0.50	3.0	9.6	4.8	0.005	0.41

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
G-1	C	05/20	0.004	0.071	0.013	24	69		23	5.93
G-2	C	05/20	0.003	0.092	0.014	25	63		30	5.99

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Ivanhoe
LAT/LONG : 43068215

DISTRICT: Sudbury
TOWNSHIP: Ivanhoe
DATE : 19790519

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
I-1	C	05/19	12.6	2.45	0.70	7.5	9.8	3.0	0.024	0.33
I-2	C	05/19	11.6	2.40	0.60	7.5	9.8	7.6	0.013	0.32
I-4	C	05/19	10.9	2.20	0.50	7.5	9.4	5.4	0.022	0.35
I-6	C	05/19	11.0	2.25	0.50	7.5	9.8	5.8	0.029	0.33

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
I-1	C	05/19	0.003	0.033	0.015	37	62	37	42	7.19
I-2	C	05/19	0.003	0.075	0.011	35	64	32	39	7.14
I-4	C	05/19	0.003	0.057	0.012	31	51	75	36	7.21
I-6	C	05/19	0.003	0.050	0.016	32	52	77	37	7.27

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Lang
LAT/LONG : 46108140

DISTRICT:Sudbury
TOWNSHIP:Curtin
DATE :19790510

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
LG-2	C	05/10	6.4	1.75	2.70	13.0	3.3	1.8	0.030	0.23
LG-4	C	05/10	7.2	1.95	1.85	20.5	3.1	2.0	0.027	0.20
LG-6	C	05/10	7.4	2.00	1.85	20.5	2.8	2.4	0.020	0.25

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
LG-2	C	05/10	0.002	0.113	0.009	9	19	72	23	5.73
LC-4	C	05/10	0.001	0.134	0.006	9	14	75	26	6.77
LG-6	C	05/10	0.001	0.134	0.011	14	12	79	27	6.86

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PPROGRAM :Spring P.
WATERBODY:Little Lake Penage
LAT/LONG :46158120

DISTRICT:Sudbury
TOWNSHIP:Louise
DATE :19790522

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
LP-1	C	05/22	11.8	2.35	2.00	13.0	3.8	6.2	0.033	0.26
LP-2	C	05/22	11.3	2.35	2.00	13.0	3.7	6.2	0.040	0.25
LP-3	C	05/22	11.0	2.20	3.95	12.5	4.8	5.6	0.056	0.34
LP-4	C	05/22	10.6	2.15	4.05	12.5	5.3	5.0	0.054	0.33

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
LP-1	C	05/22	0.002	0.038	0.017	23	5	92	39	6.95
LP-2	C	05/22	0.002	0.038	0.013	29	6	92	39	6.87
LP-3	C	05/22	0.002	0.023	0.020	23	20	90	37	6.96
LP-4	C	05/22	0.002	0.013	0.017	27	27	88	35	7.02

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Ramsey
LAT/LONG : 49293057

DISTRICT: Sudbury
TOWNSHIP: McKim
DATE : 19790509

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	DOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
R-1	C	05/09	15.0	4.25	13.0	31.0	2.4	3.2	0.021	0.24
P-3	C	05/09	13.8	3.90	39.0	32.0	2.7	3.0	0.024	0.27
P-6	C	05/09	13.4	3.35	35.0	31.0	2.4	2.8	0.023	0.24

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	FP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
R-1	C	05/09	0.002	0.103	0.013	25	3	250	55	6.97
P-3	C	05/09	0.005	0.030	0.014	15	13	235	50	7.05
P-6	C	05/09	0.003	0.037	0.012	23	10	225	49	7.02

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

FFOCFAM :Spring P.
WATERBODY:Rangers Bay
LAT/LONG :46078036

DISTRICT:Sudbury
TOWNSHIP:Delamere
DATE :19790508

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
PB-1	C	05/08	5.2	1.85	1.70	12.8	7.6	2.6	0.027	0.38
PB-2	C	05/08	5.0	1.85	1.70	12.5	7.3	2.6	0.020	0.43
PB-3	C	05/08	5.0	1.85	1.75	11.5	7.3	2.6	0.022	0.38
PB-4	C	05/08	5.2	1.85	1.85	11.5	7.2	2.6	0.020	0.43

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
PB-1	C	05/08	0.004	0.191	0.019	12	52	57	21	6.59
PB-2	C	05/08	0.005	0.170	0.047	12	54	56	20	6.43
PB-3	C	05/08	0.005	0.170	0.021	12	54	56	20	6.36
PB-4	C	05/08	0.005	0.170	0.040	14	53	56	21	6.38

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PFOGPAM :Spring P.
WATERBODY:Ratter
LAT/LONG :46308025

DISTRICT:Sudbury
TOWNSHIP:Ratter
DATE :19790508

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
R-1	C	05/08	5.0	1.65	2.30	12.5	9.8	1.8	0.013	0.43
R-4	C	05/08	4.8	1.65	2.10	12.5	10.2	1.6	0.011	0.49

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
R-1	C	05/03	0.034	0.136	0.016	5	73	54	19	6.29
R-4	C	05/03	0.034	0.111	0.019	5	77	52	19	6.51

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Wabagishik
LAT/LONG : 46188135

DISTRICT:Sudbury
TOWNSHIP:Poster
DATE : 19790503

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
WB-1	C		11.4	2.50	5.80	31.5	4.8	2.3	0.157	0.45
WB-3	C		11.0	2.45	5.55	30.0	5.1	2.6	0.172	0.45
WB-5	C		11.0	2.40	5.50	29.5	4.9	2.8	0.170	0.46
WB-6	C		11.0	2.40	5.50	30.0	4.9	2.8	0.172	0.47

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
WB-1	C		0.024	0.201	0.020	13	37	121	33	6.91
WB-3	C		0.010	0.130	0.020	13	41	117	33	6.80
WB-5	C		0.015	0.180	0.013	15	41	116	37	6.82
WB-6	C		0.014	0.181	0.020	13	37	116	37	6.83

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PPOGRAM :Spring P.
WATERBODY:Whitewater
LAT/LONG : 46328109

DISTRICT:Sudbury
TOWNSHIP:Snider
DATE :19790510

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
WW-1	C	05/10	13.0	3.55	7.95	27.0	3.6	5.4	0.034	0.30
WW-3	C	05/10	15.2	4.00	9.20	26.5	4.0	7.4	0.033	0.35
WW-5	C	05/10	15.2	4.05	9.10	27.0	4.0	7.4	0.042	0.33
WW-7	C	05/10	14.2	3.70	9.30	24.5	4.0	6.8	0.036	0.31

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
WW-1	C	05/10	0.003	0.037		25	32	136	47	7.25
WW-3	C	05/10	0.004	0.121		31	31	155	54	7.24
WW-5	C	05/10	0.004	0.131		31	31	155	55	7.29
WW-7	C	05/10	0.004	0.066		30	30	144	51	7.11

WATER QUALITY REPORT

ANNUAL SUMMARY-N.E. REGION

PROGRAM : Spring P.
WATERBODY: Windy
LAT/LONG : 46368127

DISTRICT: Sudbury
TOWNSHIP: Cascaden
DATE : 19790524

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
W-1	C	05/24	4.0	1.05	4.20	12.5	2.2	0.6	0.012	0.14
W-3	C	05/24	3.3	1.05	4.20	12.5	2.2	0.3	0.014	0.14
W-5	C	05/24	4.0	1.05	4.25	12.5	2.3	0.3	0.012	0.13
W-6	C	05/24	4.0	1.05	4.10	12.5	2.2	0.3	0.023	0.14

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
W-1	C	05/24	0.001	0.109	0.003	5	9	54	14	5.23
W-3	C	05/24	0.002	0.103	0.011	4	7	54	14	5.24
W-5	C	05/24	0.002	0.103	0.010	4	3	54	14	5.24
W-6	C	05/24	0.002	0.113	0.012	5	11	53	14	5.27

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Bay
LAT/LONG : 47217951

DISTRICT:Timiskaming
TOWNSHIP:Coleman
DATE :19790530

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
B-1	C	05/30	7.4	1.55	0.65	11.0	7.7	3.4	0.025	0.32
B-2	C	05/30	7.0	1.50	0.55	11.5	7.0	2.8	0.023	0.29
B-4	C	05/30	7.2	1.55	0.60	11.5	8.6	3.2	0.019	0.30
B-6	C	05/30	7.0	1.50	0.70	11.5	7.4	3.0	0.027	0.29

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/cm	pH units
B-1	C	05/30	0.004	0.071	0.012	17	62	57	25	6.77
B-2	C	05/30	0.003	0.067	0.009	16	54	56	24	6.92
B-4	C	05/30	0.004	0.066	0.011	16	61	57	24	6.87
B-6	C	05/30	0.004	0.061	0.011	16	59	57	24	6.83

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY: Bear
LAT/LONG : 48077938

DISTRICT: Timiskaming
TOWNSHIP: McVittie
DATE : 19790523

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
BR-4	C	05/23	7.4	1.55	6.05	9.5	7.1	3.4	0.004	0.33

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
BR-4	C	05/23	0.003	0.032	0.016	13	43	76	25	7.09

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Blackwell
LAT/LONG : 48087938

DISTRICT:Timiskaming
TOWNSHIP:McVittie
DATE :19790523

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
BLK-4	C	05/23	6.0	1.35	0.30	10.5	7.0	3.4	0.016	0.29

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
BLK-4	C	05/23	0.002	0.068	0.013	12	27	49	21	6.65

WATER QUALITY REPORT

ANNUAL SUMMARY-N.E. REGION

PROGRAM :Spring P.
 WATERBODY:Friday
 LAT/LONG :47137939

DISTRICT:Timiskaming
 TOWNSHIP:Gillies Limit
 DATE :19790530

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
F-2	C	05/30	6.0	1.35	0.30	12.0	4.0	3.2	0.028	0.22
F-4	C	05/30	5.8	1.35	0.35	11.5	4.2	3.2	0.026	0.22

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/c	Hard mg/L	pH units
F-2	C	05/30	0.002	0.078	0.007	12	62	51	21	6.86
F-4	C	05/30	0.002	0.073	0.007	12	54	51	20	6.85

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PPOGPAM : Spring P.
WATERBODY: Keefer
LAT/LONG : 48178147

DISTRICT: Tiniskaming
TOWNSHIP: Keefer
DATE : 19790605

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/l	TIC mg/L	NH3 mg/L	TKN mg/L
K-4	C	05/05	17.8	3.00	0.95	7.0	6.0	12.4	0.034	0.33

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
K-4	C	06/05	0.003	0.097	0.009	53	13	12.0	57	7.33

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY: Kenogami
LAT/LONG : 48068014

DISTRICT:Timiskaming
TOWNSHIP:Grenfell
DATE :19790524

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
KEN-7	C	05/24	8.0	1.55	1.75	9.0	3.1	4.2	0.039	0.39
KEN-8	C	05/24	9.6	1.85	2.80	9.0	3.6	5.4	0.034	0.37

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
KEN-7	C	05/24	0.003	0.022	0.021	21	53	54	26	7.21
KEN-8	C	05/24	0.004	0.071	0.021	25	51	77	32	7.23

ANNUAL SUMMARY-N.F. REGION
WATER QUALITY REPORT

HECCFAN :Spring P.
WATERBODY:Larder
LAT/LONG :48057938

DISTRICT:Timiskaming
TOWNSHIP:McFadden
DATE :19790523

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
LAF-10	C	05/23	16.0	4.05	4.60	24.5	5.2	3.2	0.006	0.31
LAF-11	C	05/23	16.0	4.00	4.35	24.5	5.4	8.0	0.007	0.28
LAF-12	C	05/23	16.4	4.10	4.40	25.5	4.9	8.2	0.006	0.33

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
LAF-10	C	05/23	0.002	0.518	0.019	36	27	146	57	7.29
LAF-11	C	05/23	0.002	0.513	0.017	36	28	143	56	7.29
LAF-12	C	05/23	0.001	0.534	0.015	36	22	147	58	7.41

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

WICCAW : Spring E.
WATERBODY: Little Star
LAT/LONG : 48208147

DISTRICT: Timiskaming
TOWNSHIP: Keefer
DATE : 19790605

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
IS-4	C	06/05	27	4.3	0.45	3.0	4.0	20.0	0.010	0.25

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
IS-4	C	06/05	0.001	0.004	0.003	33	9	175	85	6.07

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGPAM :Spring P.
WATERBODY:Vettie
LAT/LONG : 48177959

DISTRICT:Timiskaming
TOWNSHIP:Morrisette
DATE :19790525

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
NET-4	C	05/25	3.0	0.55	0.30	3.0	3.0	1.0	0.009	0.22

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
NET-4	C	05/25	0.002	0.073	0.011	5	5	30	10	6.36

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY: Round
LAT/LONG : 48018002

DISTRICT: Timiskaming
TOWNSHIP: Otto
DATE : 19790524

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
RND-7	C	05/24	11.0	3.00	5.60	14.5	8.2	3.2	0.070	0.47
RND-8	C	05/24	14.2	3.05	5.70	14.5	8.2	3.4	0.025	0.42

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
RND-7	C	05/24	0.005	0.245	0.070	36	50	121	47	7.32
RND-8	C	05/24	0.005	0.295	0.063	33	49	126	43	7.30

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM : Spring P.
WATERBODY: Sesekinka
LAT/LONG : 43118014

DISTRICT: Timiskaming
TOWNSHIP: Maisonneville
DATE : 19790524

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TDC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
SES-4	C	05/24	7.8	1.45	1.45	3.5	7.2	4.0	0.031	0.35

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
SES-4	C	05/24	0.003	0.032	0.019	19	42	50	25	7.16

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Star
LAT/LONG : 48218146

DISTRICT:Pimiskaming
TOWNSHIP:Keefer
DATE :19790000

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
S-1	C		24	3.90	1.10	6.5	5.6	13.0	0.014	0.31

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
S-1	C		0.002	0.003	0.009	75	17	160	75	7.96

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT

PROGRAM :Spring P.
WATERBODY:Wendigo
LAT/LONG : 47527943

DISTRICT:Timiskaming
TOWNSHIP:Bayly
DATE :19790524

STATION	SAMP TYPE	SAMPLE DATE	Ca mg/L	Mg mg/L	Cl mg/L	SO4 mg/L	TOC mg/L	TIC mg/L	NH3 mg/L	TKN mg/L
WEN-7	C	05/24	9.6	2.55	2.25	13.0	6.4	4.2	0.014	0.31
WEN-8	C	05/24	10.0	2.65	2.30	17.5	6.3	4.4	0.012	0.30

STATION	SAMP TYPE	SAMPLE DATE	NO2 mg/L	NO3 mg/L	TP mg/L	Alk mg/L	Col Haz	Cond umh/cm	Hard mg/L	pH units
WEN-7	C	05/24	0.002	0.303	0.016	21	35	90	34	7.07
WEN-8	C	05/24	0.002	0.303	0.017	22	36	92	36	7.03

SECTION 9:

WATER WELL SAMPLING PROGRAM

SECTION 9: WATER WELL SAMPLING PROGRAM

Page

ALGOMA DISTRICT

9-1

Townships of:

Fenwick

Hilton

Johnson

Korah

Laird

MacDonald

Prince

Spragge (Town)

Sault Ste. Marie (Town)

Tarentorus

Van Koughut

COCHRANE DISTRICT

Townships of:

Brower

Clue

Nansen

O'Brien

Way

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NIPISSING DISTRICT

Townships of:

Bonfield

Caldwell

Calvin

Cameron

Chisholm

East Ferris

Falconer

Field

Gibbons

Grant

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NIPISSING DISTRICT (Continued)

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Springer
Papineau
Widdifield

PARRY SOUND DISTRICT

9-6

Townships of:

Bethune
Carling
Christie
Conger
Foley
Henvey
Humphrey
McDougall
McKellar
Mills
Monteith
Perry

SUDBURY DISTRICT

Townships of:

Bigwood

Broder

Burwash

Cosby

Delamere

Dunnet

Graham

Hagar

Louise

Martland

McKim

Neelon

TIMISKAMING DISTRICT

Townships of:

Coleman

Dymond

Harley

Harris

Hilliard

Hudson

Kerns

ALUMINUM QUALITY FACTOR
1979

HOCPAY : 123456789

DISTRICT:Algonia

TOWNSHIP	UTM EASTING	UTM NORTHING	WELL RECORD #	PP UNITS	COLO URB/C1	ALK PPM	HARD PPM	Ca PPM	Mg PPM
Fenwick	701200	5173500	1102455	3.4	525	72	95	33	4
Hilton	276550	5126150	1102425	7.3	425	95	143	39	11
Jonsson	279550	5132350	1102425	7.4	535	273	299	72	29
Jonsson	275700	5136450	1102374	7.5	455	242	227	52	24
Korah	699900	5159700	1102435	6.9	149	25	59	17	4
Korah	701450	5153350	1102399	3.5	124	43	55	13	2
Koran	701000	5156900	1102414	7.9	113	45	52	15	3
Koran	696350	5153050	1102430	7.5	119	34	51	15	3
Laird	231300	5146950	1102409	7.3	1400	232	556	234	20
MacDonald	724350	5143600	1102413	7.7	495	233	253	69	20
MacDonald	725050	5149300	1102229	7.9	470	250	214	41	27
Prince	687000	5155250	1102444	7.0	74	25	30	9	2
Spragge	373150	5118300	1102455	3.0	444	133	143	44	3
S.S.Marie	699900	5159700	1102337	7.2	30	23	33	9	3
S.S.Marie	696100	5153030	1102543	7.1	70	17	25	7	2
Tarentorus	705000	5160350	1102509	3.1	240	124	116	35	7
VanFougant	703700	5179450	1102491	7.7	190	92	93	26	7

TOWNSHIP	UTM EASTING	UTM NORTHING	WELL RECORD #	Na PPM	K PPM	SO4 PPM	Cl PPM	NO3 PPM	NO2 PPM
Fenwick	701200	5173500	1102455	35	3.3	24	140	<0.1	
Hilton	276550	5126150	1102425	24	2.4	15	55	0.4	<0.01
Jonsson	279550	5132350	1102425	15	1.4	21	20	0.5	<0.01
Jonsson	275700	5136450	1102374	12	1.2	11	3	0.7	<0.01
Korah	699900	5159700	1102435	4	0.3	14	12	3.9	
Korah	701450	5153350	1102399	2	1.2	10	3	1.3	
Koran	701000	5156900	1102414	3	0.3	10	2	0.3	
Koran	696350	5153050	1102430	3	0.3	12	1	2.4	
Laird	231300	5146950	1102409	30	5.3	510	2	<0.1	
MacDonald	724350	5143600	1102413	10	1.5	32	5	0.5	
MacDonald	725050	5149300	1102229	21	1.0	3	1	0.1	
Prince	687000	5155250	1102444	2	0.4	10	1	0.1	
Spragge	373150	5118300	1102455	12	2.7	31	17	<0.1	<0.01
S.S. Marie	699900	5159700	1102337	2	0.3	3	<1	0.5	
S.S. Marie	696100	5153030	1102543	2	0.5	10	<1	0.1	
Tarentorus	705000	5160350	1102509	5	3.0	10	<1	<0.1	
VanFougant	703700	5179450	1102491	5	1.7	11	3	0.3	

CONTINUED

TOWNSHIP	UTM EASTING	UTM NORTHING	WELL RECORD #	MB3 PPM	PK1 PPM	P.P. PPM	DOC PPM	Fe PPM	In PPM
Ferwick	701200	5173000	1102155	<0.1	0.1	0.02	0.3	0.43	0.053
Filton	270550	5125150	1102125	<0.1	0.1	0.02	0.3	0.07	0.003
Jonston	270550	5132350	1102425	<0.1	0.4	0.02	1.5	1.90	0.174
Schroen	275700	5135150	1102374	<0.1	0.2	0.02	1.0	0.19	0.007
Koran	690000	5150700	1102435	<0.1	0.1	0.10	0.1	0.20	0.005
Koran	701450	5153350	1102300	<0.1	0.1	0.02	0.3	0.21	0.005
Koran	701000	5155000	1102414	<0.1	0.1	0.02	0.3	0.50	0.065
Koran	690350	5153050	1102130	<0.1	0.1	0.02	0.4	0.24	0.033
Laird	231300	5146950	1102400	<0.1	0.4	0.40	3.5	1.50	0.320
MacDonald	724350	5143500	1102413	<0.1	0.1	0.03	1.4	0.16	0.007
MacDonald	725050	5149400	1102220	<0.1	0.2	0.04	1.3	1.20	0.075
Prince	687000	5155250	1102444	<0.1	0.1	0.02	0.7	0.21	0.011
Soragge	373150	5113300	1102455	<0.1	0.2	0.02	4.0	0.03	0.030
S.S. Marie	699900	5159700	1102337	0.1	0.1	0.04		0.12	0.004
S.S. Marie	696100	5153030	1102543	0.1	0.1	0.04		0.11	0.024
Tarentorus	705000	5160350	1102500	<0.1	0.2	0.02	0.7	0.09	0.014
Vancouver	703700	5179450	1102491	<0.1	0.1	0.02	0.7	0.01	0.006

ANNUAL SUMMARY-1.C. REGION
WATER QUALITY REPORT-
1979

PROGRAM : WSA SAMPLES

DISTRICT: Cochrane

TOWNSHIP	UTM EASTING	UTM NORTHING	WELL RECORD #	PH UNITES	CO ₂ UMHO/C	ALK PPM	HARD PPM	Ca PPM	Mg PPM
Brower	506350	5433700	1602572	7.5	660	371	375	110	24
Clute	485400	5436150	1602557	7.7	415	215	200	40	21
Nansen	414500	5460900	1602500	7.7	520	237	232	55	22
O'Brien	401200	5472650	1602614	8.2	590	341	247	53	28
Way	302300	5408300	1602633	7.4	550	277	291	85	20

TOWNSHIP	UTM EASTING	UTM NORTHING	WELL RECORD #	Na PPM	K PPM	SO ₄ PPM	Cl PPM	NO ₃ PPM	NH ₃ PPM
Brower	506350	5433700	1602572	5	4.3	11	1	<0.1	<0.1
Clute	485400	5436150	1602557	17	1.9	1	2	<0.1	0.3
Nansen	414500	5460900	1602500	25	3.7	1	5	0.1	0.1
O'Brien	401200	5472650	1602614	43	3.0	2	<1	<0.1	0.2
Way	302300	5408300	1602633	5	2.3	9	5	0.7	<0.1

TOWNSHIP	UTM EASTING	UTM NORTHING	WELL RECORD #	Fe PPM	P.P. PPM	DOC PPM	Fo PPM	Mn PPM
Brower	506350	5433700	1602572	0.1	0.02	1.2	1.40	0.043
Clute	485400	5436150	1602557	0.4	0.02	1.3	0.19	0.210
Nansen	414500	5460900	1602500	0.2	0.02	3.4	0.31	0.116
O'Brien	401200	5472650	1602614	0.4	0.10	3.0	0.88	0.230
Way	302300	5408300	1602633	0.2	0.02	3.4	0.19	0.010

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT-
1979

PROGRAM : WWSAMPLES

DISTRICT: Nipissing

TOWNSHIP	UTM EASTING	UTM NORTHING	WELL RECORD #	PH UNITS	COND UMH/C	ALK PPM	HARD PPM	Ca PPM	Mg PPM
Bonfield	651900	5119000	4302335	6.3	113	46	42	13	2
Caldwell	569100	5136200	4302593	3.0	520	137	134	50	15
Caldwell	571850	5139500	4302703	3.2	275	115	129	35	10
Calvin	660650	5126150	4302333	7.1	110	57	55	13	5
Calvin	652700	5126150	4302301	3.3	210	33	103	27	0
Cameron	697900	5123200	4302373	7.4	500	110	252	54	22
Cnisholm	639300	5110500	4302552	5.7	225	102	100	30	5
E. Ferris	635200	5121300	4302379	7.7	375	121	172	15	14
Falconer	555300	5113000	4302725	5.3	500	150	225	53	20
Field	576300	5152400	4302353	7.3	492	145	219	53	13
Gibbons	568300	5155550	4302353	7.5	1550	55	370	312	22
Grant	535650	5145300	4302033	7.9	720	114	344	110	17
I.F. 10	596350	5134750	4302433	3.6	405	121	45	11	4
I.F. 10	596300	5134700	4303005	3.0	375	103	95	24	3
Springer	575550	5136500	4303003	3.7	475	110	15	13	3
Springer	584350	5133200	4302919	7.3	570	235	255	70	20
Springer	583750	5131700	4302004	7.3	495	172	200	51	13
Papineau	673100	5129350	4302912	6.5	111	53	51	12	5
Papineau	673100	5123300	4302903	7.4	131	33	37	24	7
Wildfield	619450	5140000	4302933	3.4	170	73	70	22	4

TOWNSHIP	UTM EASTING	UTM NORTHING	WELL RECORD #	Na PPM	K PPM	SO4 PPM	Cl PPM	NO3 PPM	NH3 PPM
Bonfield	651900	5119000	43 2335	4	1.3	12	1	0.3	<0.1
Caldwell	569100	5136200	4302593	42	3.5	17	29	0.1	<0.1
Caldwell	571850	5139500	4302703	3	3.5	30	<1	<0.1	<0.1
Calvin	660650	5126150	4302333	3	1.3	13	<1	<0.1	<0.1
Calvin	652700	5126150	4302301	3	2.3	12	4	<0.1	<0.1
Cameron	697900	5123200	4302373	13	3.3	7	114	<0.1	<0.1
Cnisholm	639300	5110500	4302552	9	2.3	13	1	0.3	<0.1
E. Ferris	635200	5121300	4302379	9	2.0	22	25	1.7	<0.1
Falconer	555300	5113000	4302725	3	2.3	13	50	<0.1	<0.1
Field	576300	5152400	4302353	11	4.0	65	30	<0.1	<0.1
Gibbons	568300	5155550	4302353	25	5.0	340	20	<0.1	0.2
Grant	535650	5145300	4302033	20	4.2	260	9	<0.1	<0.1
I.F. 10	596350	5134750	4302433	74	2.1	25	34	0.2	<0.1
I.F. 10	596300	5134700	4303005	51	2.7	2	3	<0.1	<0.1
Springer	575550	5136500	4303003	30	1.5	20	41	0.1	<0.1
Springer	584350	5133200	4302919	32	1.7	21	3	<0.1	<0.1
Springer	583750	5131700	4302004	25	3.0	12	32	<0.1	<0.1
Papineau	673100	5129350	4302912	5	1.0	20	1	<0.1	0.2
Papineau	673100	5123300	4302903	4	2.0	0	1	0.1	<0.1
Wildfield	619450	5140000	4302933	5	5.5	11	<1	0.2	<0.1

CONTINUED

TOWNSHIP	UTM EASTING	UTM NORTHING	WELL RECORD #	TKI PPM	T.P. PPM	DOC PPM	Fe PPM	Mn PPM
Bonfield	651900	5119000	4302335	0.3	0.03		11.00	1.900
Caldwell	569100	5136200	4302503	0.1	0.02	1.1	0.01	0.050
Caldwell	571150	5139500	4302703	0.1	0.02	1.3	0.43	0.015
Calvin	660550	5126150	4302033	0.2	0.02	0.3	0.17	0.016
Calvin	652700	5125150	4302301	0.2	0.02		0.04	0.005
Cameron	697900	5123200	4302373	0.2	0.02	0.5	1.60	0.450
Chisholm	639300	5110500	4302552	0.2	0.02	2.5	2.00	0.390
E. Ferris	635200	5121300	4302370	0.1	0.02	1.4	0.03	0.015
Falconer	555300	5113000	4302725	0.2	0.04	2.5	2.20	0.420
Field	576300	5152100	4302353	0.1	0.02	1.0	0.33	0.220
Gibbons	568300	5155550	4302353	0.2	0.02	0.3	0.35	0.037
Grant	535550	5115300	4302033	0.4	0.83	0.4	0.14	0.053
I.R. 10	596350	5134750	4302433	0.2	0.04	2.1	0.03	0.003
I.R. 10	596300	5134700	4303005	0.4	0.05	5.4	2.10	0.030
Springer	575550	5136500	4303003	0.1	0.02	1.5	0.07	0.009
Springer	584850	5133200	4302919	0.4	0.02	4.3	0.42	0.131
Springer	583750	5131700	4302994	0.2	0.02	3.2	2.00	0.153
Papineau	673100	5129350	4302942	0.5	0.02	10.2	24.30	0.230
Papineau	678100	5128300	4302903	0.2	0.03		2.00	0.050
Widdifield	619450	5140000	4302933	0.1	0.02	1.0	0.11	0.018

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT-
1979

PROGRAM : WWSAMPLES

DISTRICT: Parry Sound

TOWNSHIP	UTM EASTING	UTM NORTHING	WELL RECORD #	PH UNITS	COND UMH/C	ALK PPM	HARD PPM	Ca PPM	Mg PPM
Pethune	639000	5043200	4302770	7.1	55	12	19	5	1
Carling	561300	5036300	4302302	5.6	243	53	93	27	7
Carling	559350	5023000	4302359	7.4	370	137	102	51	15
Carling	564750	5025550	4302340	3.0	145	30	132	53	5
Christie	569950	5023900	4302303	5.7	37	30	37	9	1
Conjer	536050	5007500	4302430	7.7	755	121	400	133	14
Foley	535400	5016100	4302351	7.7	254	91	112	34	7
Foley	579500	5019500	4302352	7.9	522	91	213	72	3
Henvey	534650	5075500	4302354	7.2	550	202	304	103	11
Humphrey	606600	5012200	4302571	3.3	239	33	34	23	3
McDougall	574500	5025000	4302324	5.3	450	175	244	57	10
McKellar	537400	5030700	4302453	5.8	141	53	55	14	5
McKellar	533450	5041550	4302755	7.9	330	152	142	32	11
Hills	583100	5035500	4302752	7.4	530	217	254	77	13
Monteith	610800	5034450	4302773	5.1	137	19	75	24	4
Perry	631500	5042500	4302973	5.4	42	11	15	3	1

TOWNSHIP	UTM EASTING	UTM NORTHING	WELL RECORD #	Na PPM	K PPM	SO4 PPM	CL PPM	NO3 PPM	NH3 PPM
Pethune	639000	5043200	4302770	2.0	0.3	12	<1	0.2	<0.1
Carling	561300	5036300	4302302	10.0	1.1	12	33	0.59	<0.1
Carling	559350	5023000	4302359	13.0	2.2	13	2	<0.10	<0.1
Carling	564750	5025550	4302340	21.0	1.3	130	2	<0.10	<0.1
Christie	569950	5023900	4302303	2.0	1.2	11	<1	0.10	<0.1
Conjer	536050	5007500	4302430	10.0	2.2	200	<1	<0.10	0.1
Foley	535400	5016100	4302351	13.0	1.9	35	15	<0.10	<0.1
Foley	579500	5019500	4302352	23.0	2.5	53	35	<0.10	<0.1
Henvey	534650	5075500	4302354	5.0	2.2	27	<1	<0.10	<0.1
Humphrey	606600	5012200	4302571	13.0	1.5	22	13	<0.10	<0.1
McDougall	574500	5025000	4302324	3.0	3.3	57	15	<0.10	<0.1
McKellar	537400	5030700	4302453	7.0	1.5	11	4	0.49	<0.1
McKellar	533450	5041550	4302755	26.0	2.3	17	21	<0.10	<0.1
Hills	583100	5035500	4302752	26.0	4.0	53	35	0.30	0.4
Monteith	610800	5034450	4302773	43.0	5.6	17	37	1.10	0.8
Perry	631500	5042500	4302973	11.0	7.3	11	23	<0.10	<0.1

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TOWNSHIP	UTM EASTING	UTM NORTHING	WELL RECORD #	TKN PPM	T.P. PPM	DOC PPM	Fe PPM	Mn PPM
Bethune	639000	5043200	4302770	0.1	0.02		0.34	0.050
Carling	561800	5036300	4302302	0.2	0.02		0.12	0.040
Carling	559850	5023000	4302359	0.2	0.02	2.4	1.10	0.230
Carling	564750	5025550	4302310	0.4	0.05	0.3	0.02	0.023
Christie	539950	5023900	4302303	0.1	0.04	0.6	0.25	0.022
Conjer	536050	5007500	4302430	0.2	0.02	1.1	0.29	0.103
Foley	535400	5016100	4302951	0.2	0.02		0.10	0.041
Foley	579500	5019500	4302952	0.2	0.02		0.03	0.110
Penvey	534650	5075500	4302354	0.4	0.05	4.5	5.00	0.330
Humphrey	606600	5012200	4302571	0.2	0.02		0.02	0.014
McDougall	574500	5025900	4302324	0.6	0.02		3.50	0.360
McKellar	537400	5030700	4302463	0.2	0.02		0.22	0.083
McKellar	533950	5041550	4302755	0.2	0.02	1.3	0.16	0.110
Mills	583100	5035500	4302752	0.4	0.02		0.52	3.200
Monteith	610800	5034450	4302773	1.2	0.02	3.9	0.79	0.310
Perry	631500	5042600	4302973	0.2	0.02		2.30	0.043

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT-
1979

PROGRAM : 173SAMPLES

DISTRICT: Sudbury

TOWNSHIP	UTM EASTING	UTM NORTHING	WELL RECORD #	PH UNITS	COND UMH/C	ALK PPM	HARD PPM	Ca PPM	Mg PPM
Bigwood	528700	5105150	5004054	7.7	423	205	202	51	13
Bigwood	532500	5100400	5003932	5.9	650	94	223	73	3
Broder	503250	5141500	5004013	7.9	254	91	113	29	10
Broder	495420	5142800	5003994	3.2	259	99	92	26	6
Burwash	520650	5123700	5004031	7.0	220	94	93	25	9
Cosby	540350	5103900	5004059	7.0	540	225	255	63	23
Delanere	528950	5106950	5004071	7.3	440	195	211	47	23
Dunnet	544950	5134450	5003919	6.8	750	140	253	77	19
Graham	476450	5135350	5004033	6.6	330	235	324	66	39
Hagar	537500	5146800	5004035	7.9	740	100	365	113	17
Louise	472300	5132900	5003901	7.7	120	130	154	53	3
Louise	473150	5129350	5003995	6.8	391	95	153	40	15
Martland	544000	5103900	5004074	7.3	630	305	352	37	33
McKim	501620	5145930	5004010	6.7	1360	99	315	33	26
Neelon	510650	5143350	5003325	3.0	930	117	323	90	25

TOWNSHIP	UTM EASTING	UTM NORTHING	WELL RECORD #	Na PPM	K PPM	SO4 PPM	Cl PPM	NO3 PPM	NO2 PPM
Bigwood	528700	5105150	5004054	11	3.4	25	2	<0.1	
Bigwood	532500	5100400	5003932	42	5.7	70	100	0.5	
Broder	503250	5141500	5004013	5	2.3	27	9	<0.1	
Broder	495420	5142800	5003994	20	1.4	10	10	<0.1	
Burwash	520650	5123700	5004031	7	3.3	17	2	<0.1	
Cosby	540350	5103900	5004059	11	1.5	22	25	2.0	
Delanere	528950	5106950	5004071	11	2.0	25	14	<0.1	
Dunnet	544950	5134450	5003919	47	11.0	75	101	4.3	
Graham	476450	5135350	5004033	51	3.0	59	64	11.0	
Hagar	537500	5146800	5004035	19	3.5	270	30	<0.1	
Louise	472300	5132900	5003901	7	1.3	31	3	<0.1	
Louise	473150	5129350	5003995	5	3.3	12	50	<0.1	
Martland	544000	5103900	5004074	11	2.5	23	20	<0.1	
McKim	501620	5145930	5004010	145	5.8	55	330	<0.1	
Neelon	510650	5143350	5003325	50	3.4	4	237	0.1	

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TOWNSHIP	JF1 EASTING	JF1 NORTHING	NELL RECORD #	113 PPM	PKN PPM	P.P. PPM	DOC PPM	Fe PPM	Mn PPM
Bigwood	523700	5105450	5904054	0.1	0.2	0.06	1.6	0.43	0.116
Bigwood	532500	5100400	5003002	<0.1	0.4	0.02	0.3	0.90	0.175
Broder	503250	5141500	5004013	0.1	0.3	0.02	0.3	0.94	0.153
Broder	495420	5142300	5003001	<0.1	0.1	0.02	0.5	0.10	0.003
Burwash	520650	5123700	5001031	<0.1	0.4	0.04	2.3	6.20	0.740
Cosby	540350	5100000	5001050	<0.1	0.1	0.01	1.5	0.03	0.033
Delanere	523950	5105950	5001071	<0.1	0.2	0.02	1.0	1.20	0.300
Dunnet	544950	5134150	5003010	<0.1	0.3	0.02	5.3	0.23	0.047
Graham	475450	5136350	5004033	<0.1	0.4	0.02	3.3	0.32	0.052
Hajar	537500	5146300	5001035	<0.1	0.4	0.01	0.5	0.10	0.034
Louise	472300	5132900	5003001	<0.1	0.1	0.04	1.0	0.33	0.110
Louise	473150	5120350	5003005	<0.1	0.2	0.01	1.7	1.30	0.400
Martland	544000	5100900	5004071	<0.1	0.2	0.04	2.0	1.20	0.290
McKim	501520	5145000	5004010	0.3	0.3	0.02	1.3	12.00	2.600
Reelon	510650	5148350	5003325	<0.1	0.4	0.04	0.3	0.07	0.030

ANNUAL SUMMARY-N.E. REGION
WATER QUALITY REPORT-
1979

PROGRAM : WWSAMPLES

DISTRICT: Timiskaming

TOWNSHIP	UTM EASTING	UTM NORTHING	WELL RECORD #	PH UNITS	COND. UMH/CM	ALK PPM	HARD PPM	Ca PPM	Mg PPM
Coleman	594300	5243300	6301053	8.0	250	110	132	10	3
Dymond	596450	5263300	6301071	7.9	510	250	251	57	27
Harley	594900	5271950	6301157	7.4	431	252	271	52	23
Harley	593000	5273500	6301107	7.7	500	234	250	55	24
Harley	601650	5273650	6301035	7.9	1400	63	635	163	64
Harris	604600	5259300	6301024	7.4	750	300	420	103	30
Hilliard	595850	5233200	6301032	7.9	495	133	191	42	21
Hudson	592500	5265450	6301033	8.2	600	150	101	23	8
Hudson	591650	5269050	6301070	7.7	660	271	231	52	31
Kerns	536350	5270200	6301110	8.3	340	190	99	16	14
Kerns	590050	5274400	6301097	7.5	600	291	296	65	33
Kerns	536300	5274900	6301112	8.2	500	290	86	18	10

TOWNSHIP	UTM EASTING	UTM NORTHING	WELL RECORD #	Na PPM	K PPM	SO4 PPM	Cl PPM	NO3 PPM	NH3 PPM
Coleman	594300	5243300	6301053	2.0	0.5	12	9	<0.1	<0.1
Dymond	596450	5263300	6301071	20.0	2.3	32	7	0.3	0.1
Harley	594900	5271950	6301157	5.0	1.5	12	<1	<0.1	<0.1
Harley	593000	5273500	6301107	9.0	1.1	11	15	0.9	<0.1
Harley	601650	5273650	6301035	70.0	9.0	730	2	<0.1	0.2
Harris	604600	5259300	6301024	4.0	0.9	25	5	3.9	<0.1
Hilliard	595850	5233200	6301032	35.0	4.7	72	9	<0.1	<0.1
Hudson	592500	5265450	6301033	35.0	1.5	40	77	<0.1	<0.1
Hudson	591650	5269050	6301070	45.0	2.5	92	9	<0.1	<0.1
Kerns	536350	5270200	6301110	43.0	2.9	2	<1	<0.1	0.1
Kerns	590050	5274400	6301097	23.0	3.2	47	3	<0.1	<0.1
Kerns	536300	5274900	6301112	99.0	0.5	2	2	<0.1	<0.1

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TOWNSHIP	UTM EASTING	UTM NORTHING	WELL RECORD #	TK1 PPM	P.P. PPM	DOC PPM	Fe PPM	Mn PPM	Al PPM
Coleman	594800	5243300	6301053	0.1	0.02	0.3	0.24	0.005	<0.005
Dymond	596450	5253300	6301071	0.4	0.02	1.3	0.07	0.029	<0.005
Harley	594900	5271950	6301157	0.2	0.02		0.37	0.020	
Harley	593000	5273500	6301107	0.1	0.11	1.5	0.25	0.007	<0.005
Harley	601650	5273550	6301035	0.4	0.11	0.9	0.20	0.009	<0.005
Harris	604600	5259300	6301024	0.4	0.04	3.3	0.33	0.024	<0.005
Williard	595350	5233200	6301032	0.2	0.05	0.3	0.93	0.015	<0.005
Hudson	592500	5255450	6301033	0.4	0.02	1.3	0.09	0.003	<0.005
Hudson	591650	5259050	6301070	0.2	0.02	2.6	0.32	0.122	<0.005
Kerns	535350	5270200	6301110	0.4	0.04	1.7	0.26	0.008	<0.005
Kerns	590050	5274400	6301007	0.2	0.36	0.9	0.34	0.025	<0.005
Kerns	536300	5274900	6301112	0.2	0.02	1.8	0.20	0.011	<0.005

TOWNSHIP	UTM EASTING	UTM NORTHING	WELL RECORD #	Pb PPM	Zn PPM	Co PPM	As PPM	Cd PPM	Ni PPM
Coleman	594800	5243300	6301053	<0.03	0.05	<0.02	<0.001	<0.005	<0.02
Dymond	596450	5253300	6301071	<0.03	0.35	<0.02	<0.001	<0.005	<0.02
Harley	594900	5271950	6301157						
Harley	593000	5273500	6301107	<0.03	0.02	<0.02	<0.001	<0.005	<0.02
Harley	601650	5273550	6301035	<0.03	0.16	<0.02	<0.001	<0.005	<0.02
Harris	604600	5259300	6301024	<0.03	1.50	<0.02	<0.001	<0.005	<0.02
Williard	595350	5233200	6301032	<0.03	0.01	<0.02	<0.001	<0.005	<0.02
Hudson	592500	5255450	6301033	<0.03	0.04	<0.02	0.001	<0.005	<0.02
Hudson	591650	5259050	6301070	<0.03	<0.01	<0.02	<0.001	<0.005	<0.02
Kerns	535350	5270200	6301110	<0.03	0.03	<0.02	<0.001	<0.005	<0.02
Kerns	590050	5274400	6301007	<0.03	0.46	<0.02	<0.003	<0.005	<0.02
Kerns	535300	5274900	6301112	<0.03	<0.01	<0.02	<0.001	<0.005	<0.02

Date Due

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Ontario. Ministry of the
Environment. Northeastern Region.

Water Quality summary.
Northeastern Region, water
resources assessment. 1979
MOE/WQS/ARWF
Feb. 1981, v.p.

DATE	ISSUED TO
	<i>C-1 arwf</i>
<i>JUL 20 1980</i>	<i>Brewster W. P</i>
<i>AUG - 3 1981</i>	<i>R. Nicholls C.T</i>

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